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FEBRUARY, 1888

The Henry Philipps Seed and Implement Co.

ANNUAL DESCRIPTIVE

✻ CATALOGUE ✻

OF FRESH AND RELIABLE

Garden, Field and Flower Seeds.

115 and 117 St. Clair Street,

TOLEDO, OHIO.

THE LUPTON.

THE GREATEST CABBAGE EVER OFFERED IN THIS COUNTRY

A THOROUGHED LATE CABBAGE THAT WILL, IN MANY WAYS, SURPASS
EVERY SORT HERETOFORE GROWN.



THE HARDEST HEADING CABBAGE EVER GROWN. THIS IS THE UNANIMOUS
ENDORSEMENT OF THE BEST GARDENERS IN AMERICA

This famous Cabbage was bred and introduced by Mr. Lupton, who is probably the largest individual producer of Cabbage Seed in the world. It was bred from a single early plant of a late variety; is earlier than any of the late sorts, much more uniform in growth, heads more evenly, is of better quality, is not quite so large; can be planted closer, and will give a crop in weight larger than any of them. The heads are unusually deep, similar to the Hollander or Danish. It is a strong, but not a coarse grower; dark green in color and fine grained; a good keeper. Intended for a market gardener's main crop Cabbage. Price, Pkt. 10c; 1/2 oz. 15c; oz. 25c; 4 oz. 75c; 1 lb. \$2.50.

THE PIONEER HOUSE IN TOLEDO.

44 YEARS' EXPERIENCE.

GREETING TO OUR FRIENDS AND THE PUBLIC IN GENERAL:

In presenting this our Forty-fourth Annual Catalogue, we sincerely thank all our customers and friends who have so generously patronized the old firm of HENRY PHILIPPS and H. PHILIPPS & SON, now THE HENRY PHILIPPS SEED AND IMPLEMENT CO., during their forty four years' experience in the Seed, Wagon, Carriage and Agricultural Implement business. With the assurance of the most painstaking attention to all, whether large or small buyer, we will spare neither labor nor expense in keeping Seeds up to the highest standard of excellence as to purity, quality and germination, which is the great secret of success. It shall be our constant endeavor to merit a continuance of the large and valued patronage we have previously enjoyed. We shall always strive to make your dealings with us both pleasant and profitable to you. We hope to hear from all our old customers during the coming season, and as many new ones as we can make it an object, through our prices and manner of dealing with them, to kindly favor us with their orders.

MAIL ORDER BUSINESS.—We have no canvassers nor agents to solicit orders. All outside business is done through mail orders direct to us. This means a saving to our patrons as well as to the firm. Close and prompt attention to such orders and honorable dealing have assured us a steady growth, and we now enjoy an enormous mail order business. Our friends and patrons have found by experience that buying through letter is as safe and satisfactory as buying over the counter, and have materially assisted in the extension of our business. As it is our aim to execute mail orders promptly and with the utmost care as to quality, purity and price, our patrons are satisfied that their confidence has not been misplaced.

SEEDS POSTPAID BY MAIL.—All Vegetable and Flower Seeds by the packet, ounce, pound, pint or quart, will be delivered by us, *postage paid and free of all expense*, except when Beans, Corn and Peas are ordered only, and without a general collection of seeds. We have to request an additional 10c. per quart to be added for part postage on same. Thus you have only to enclose with the order the price of the seeds as given in this catalogue, and they will be safely delivered to you, neatly packed, without extra charge. This system places our store at your very door, and enables customers thousands of miles away to obtain their supplies as cheaply as if they called in person at our store.

NOVELTIES.—We devote considerable space each year to testing the various so called novelties offered by the seed dealers of this and other countries, and whenever we discover anything desirable we offer it to our customers. In each department of this catalogue we offer a number of well tested novelties, which we are sure will prove satisfactory.

QUALITY OF SEEDS.—We don't buy cheap Seeds. We buy of and have our Seeds grown by the most celebrated and reliable Seed growers, and it is our constant aim to send out only Seeds of superior quality, and the prices we ask for them will compare favorably with those of any first-class house. We guarantee that all our Seeds are of good germinating quality. All persons conversant with horticultural operations will, however, know that at times the best of Seeds fail to grow, owing to causes we cannot control and entirely beyond our responsibility.

ADDRESS, etc.—In ordering, please be particular to sign your NAME, also that of your POSTOFFICE, COUNTY and STATE plainly, also mention the mode of conveyance you prefer—whether by mail, express or freight. Serious delays are sometimes occasioned by failure to give attention to these matters. When not specified we shall use our best judgment. When goods are sent C. O. D., return charges will be added. As the prices of most articles are catalogued, the purchaser can save the return charges by enclosing remittance with the order.

ORDER EARLY.—The best time to order is just as soon as you receive this catalogue, as we can always give your orders more of our personal attention if they come in before the rush of the spring trade. Please use the order sheet, as it makes it more convenient for us in filling orders.

HOW TO SEND MONEY.—Cash should always accompany the order. We will be responsible for money sent to us by Post Office Order, Express Money Order, Bank Draft, Express or by Registered Letter.

Post Office Orders cost, for any amount up to \$2.50, 3 cents; over \$2.50 and not exceeding \$5.00, 5 cents; over \$5.00 to \$10.00, 8 cents; over \$10.00 to \$20.00, 10 cents; over \$20.00 to \$30.00, 12 cents; over \$30.00 to \$40.00, 15 cents; over \$40.00 to \$50.00, 18 cents; over \$50.00 to \$60.00, 20 cents; over \$60.00 to \$75.00, 25 cents; over \$75.00 to \$100.00, 30 cents.

In view of the fact that express companies provide special low rates on all our shipments, we would respectfully suggest that patrons remit by *Express Money Order*, which can be obtained at nearly all express offices. Express Money Orders are issued by express companies at their agencies.

Bills, Coin or Stamps (we accept postage stamps the same as cash) can be sent safely by registered letter. Every postmaster is required to register any letter on payment of eight cents extra postage. We will in no way be responsible for Stamps or Money enclosed in letter without registering. In case it is possible to send in no other way than U. S. Postage Stamps, we prefer the two cent letter stamps, and care should be taken not to have them get moist and stick together. We guarantee full and complete satisfaction.

THE HENRY PHILIPPS SEED AND IMPLEMENT CO.

SPECIAL NOTICE.—Postage on Peas, Beans and Corn is 10 Cents Pint, 15 Cents Quart, Extra.

ORDER SHEET. **THE HENRY PHILIPPS SEED AND IMPLEMENT CO.,** **TOLEDO, O.**

Please be particular and WRITE YOUR NAME AND ADDRESS DISTINCTLY AND IN FULL WITH EACH ORDER.
Order early and often and we shall try hard to please you.

If the seeds are sent by express instead of by mail (express is, as a rule safer), the agent of the company will notify you as soon as they arrive. If you prefer them sent by mail, please state so in your order. In case of large orders, if not specially instructed, we will use our own judgment in the interest of our customers, whether to send them by express or freight.

Please forward the following order:

Name _____

Post Office _____

County _____

State _____

Express Office _____

Amount enclosed, P. O. Order, \$ _____

do do Postal Note, \$ _____

do do - Draft, \$ _____

do do - - Cash, \$ _____

do do - Stamps, \$ _____

Total, \$ _____

Date _____ 1899

Quantity.	Articles Wanted.	Price.
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	Articles Wanted.	Price.
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NORTHERN GROWN, DOUBLE TESTED SEEDS.

We double test all our Seeds as to Vitality and Purity, so that we positively know that Seed we offer can be surpassed by NONE.

SELECT LIST OF RELIABLE VEGETABLE SEEDS.

THE cost of seed is a small item compared with the value of a successful crop. Nothing for which money is expended brings so large a return, if the seeds are of first quality; AND NOTHING CAUSES GREATER WASTAGE THAN WORTHLESS SEED. Therefore, it is of the utmost importance that great care should be used in making selections, and orders should be placed with seedmen of known experience.

We do not send out agents or peddlers, nor do we supply seeds to be sold on commission. Much disappointment may be avoided by refusing to buy the ordinary cheap seeds sent out on commission.

ALL SEEDS ARE TESTED very carefully, and a record is kept of the percentage of each variety that grows, so nothing is sent out but will germinate and prove as represented.

CLUBBING RATES ON SEEDS IN PACKETS.

THIS OFFER IS BY MAIL, POSTAGE PAID BY US TO ANY POSTOFFICE IN THE UNITED STATES.

PACKET SEED DISCOUNTS.—This does not refer to seeds offered by weight or measure, but to seeds in packets only. Nor does it refer to Potatoes, Onion Sets or Bulbs.

For 25 cents you may select 5 five cent packages of Vegetable or Flower Seeds.

For 50 cents you may select 15 five cent packages of Vegetable or Flower Seeds.

For \$1.00 you may select Seeds in Packets (no ounces remember) to amount of \$1.50.

For \$2.00 you may select Seeds in Packets (no ounces remember) to amount of \$3.25.

For \$5.00 you may select Seeds in Packets (no ounces remember) to amount of \$8.50.

BULK SEED DISCOUNTS.—This discount refers to Seeds quoted in catalogue by weight or measure, and not to Potatoes, Onion Sets, or Clover, Timothy and other grass and field Seeds, as some mistook it last season, neither to seeds in packets:

On an order of \$5.00, 10 per cent.

On an order of \$10.00, 12 per cent.

On an order of \$20.00, 15 per cent.

BIG COLLECTION—\$1.00 BY MAIL, POSTPAID.

- 1—Beans—Golden Cluster. The best pole bean in the world.
- 2—Beans—Kidney Dwarf Wax. Yellow pods; very early.
- 3—Beet—Arlington Favorite. Very early and good.
- 4—Beet—Early Blood Turnip—Best general use.
- 5—Cabbage—Extra Early Jersey Wakefield. No. 1.
- 6—Cabbage—Imp. Autumn King. Best winter.
- 7—Celery—Giant Pascal. Very crisp.
- 8—Celery—White Plume. Self blanching.
- 9—Corn—Country Gentleman. Best late.
- 10—Corn—Stowell's Evergreen. Sweetest of all.
- 11—Cucumber—Toledo Market Evergreen. Best all purpose.
- 12—Cucumber—Early Cluster. Best forcing.
- 13—Lettuce—Curled Simpson. Splendid early.
- 14—Lettuce—California Cream Butter. Best all summer.
- 15—Watermelon—Ice Cream. Quality can't be beat.
- 16—Watermelon—Improved Dixie. New. Choice.

- 17—Muskmelon—Extra Early Hackensack. A No. 1.
- 18—Onion—Yellow Danvers Globe. Best general crop.
- 19—Onion—White Silverskin. For table and pickles.
- 20—Pepper—Ruby King. Sweet. Largest of all.
- 21—Parsnip—Hollow Crown. Standard everywhere.
- 22—Pumpkin—Sweet, or Pie. Best for the table.
- 23—Peas—Philipps' Extra Early Summit. A grand early.
- 24—Peas—New Shropshire. Immense pods. Excellent.
- 25—Radish—Long Scarlet. Good for early.
- 26—Radish—New Chartiers. Best early or late.
- 27—Radish—Philipps' Surprise Mixture.
- 28—Squash—Mammoth Scallop. Summer.
- 29—Squash—Warty Hubbard. New. Very fine.
- 30—Tomato—Improved New Stone. None better.
- 31—Tomato—Aristocrat. New. Fine.
- 32—Turnip—Purple Top Strap Leaf. First rate.

FREE—With each order for this Collection we include a packet of Sweet Peas, fancy mixture.

SIXTEEN PACKETS FOR SIXTY CENTS.—We will send Nos. 1, 4, 6, 7, 10, 11, 14, 16, 17, 18, 20, 21, 23, 27, 29 and 30 FOR ONLY 60 CENTS.

GUARANTEE.—Complaints made that Seeds are not good, should quite as often be attributed to other causes as to the quality of the Seeds. There are contingencies continually arising to prevent the very best Seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of different descriptions destroying the plant as soon as or before they appear; wet weather, cold weather, frosts, chemical changes in the Seeds, induced by temperature, etc. For these reasons it is impracticable to guarantee Seeds under all circumstances, and while we exercise the greatest care to have all Seeds pure and reliable, we do not give any warranty expressed or implied. If the purchaser does not accept the Seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.

We test our Seeds before sending them out, and should they fail to grow when tested by the customer, we will replace the same amount or give value in others.

We cannot afford, knowingly, to send out Seeds doubtful as to vitality or purity, and you can get no better stock of any seedsmen, even though he deceitfully professes to warrant Seeds, which frequently covers nothing but the amount paid for the Seed. A guarantee from an irresponsible party is of no value whatever.

Philipps' Northern Grown Tested Seeds.

THE growing of Farm Seeds is one of our great specialties. Our central location and more even and temperate climate is especially adapted for growing seeds of all kinds. Corn, Oats, Potatoes, Clover Seed, etc., grown here, have the preference over all other sections. If transferred and planted East, South, West or North, they are assured of more vigorous growth, increased yield and earlier maturity.

Toledo, Ohio, is the leading center and greatest Clover Seed market in the world, and we are right in the seed belt. Our Pioneer Brand Medium and Choice Mammoth Clover Seed are the purest and best cleaned of all. We carry in stock a large amount of Red, Alsike, Alfalfa, Scarlet and White Clover, Timothy, Orchard Grass, Blue Grass, Red Top, Lawn Grass, Mixed Pasture and Imported Grasses, Millet, Hungarian Grass, Spring Wheat, Barley, the best White and Black Seed Oats, including the New Lincoln and Black Mammoth Cluster.

Of SEED CORN, SEED OATS and SEED POTATOES, we have the purest and best selected stock of any Seed House in the land.

Those who receive more than one copy, kindly hand to your neighbor or friend who is interested and oblige,

Yours truly,

THE HENRY PHILIPPS SEED AND IMPLEMENT CO.

Market Gardeners and Institutions requiring Seeds in large quantities will be given Special Rates upon submitting their orders.

OUR 1896 CATALOGUE.

OUR Catalogue for 1896 is plain and readable and the largest ever issued; have made many additions in illustrations and description of New and Leading Novelties, and have spared no pains or expense to select and have grown for us the best stock of Choice and Pure Garden and Field Seeds (grown in 1895) in the world, especially our line of Beets, Beans, Peas, Cabbage Seed, Onion Seed and Corn, which cannot be surpassed by any seed house in this country. The crop in 1895 was, with some exceptions, of fine quality; the crop of Peas and Onion Seed was not over two-thirds of an average one, and may be higher in price but the quality is finer.

THE 1895 CROP OF CLOVER AND GRASS SEEDS.

As near as can be ascertained from reliable reports, the crop of Clover Seed was a fairly good one in some sections and turned out larger than had been anticipated. The acreage was not an average one, and insects and the severe drought in the Clover Seed belt, retarded the growth so that there seemed to be hardly any show for a yield, but the rains and very fine growing weather later in the season, in some sections, started the growth and made some seed. However, the shortage is made up to some extent in sections of the Western and Southern States, where they had sufficient and timely rains, so that the aggregate crop in the United States is a fair, one but the quality of most of the seed marketed is of a low grade and costs a good deal to bring it up to the desired standard by running same a number of times through the cleaners. This increases the cost and such seed commands higher price. The Mammoth or Sapling Clover Seed will be about one half of last year's crop. The quality of the seed is very fine and bright. As stated before, the crop is a short one, and if there should be any export demand, the price no doubt would be higher; if, however, there is no foreign demand, there will be seed enough we think to supply our home trade at reasonable prices. However, there was no surplus stock carried over, as in former years, and the whole of this country is bare of old seed; also, according to reliable reports, the acreage of the growing Clover is only about one-half of its average. This shortage caused by freezing the young sprouts, and later on by severe drought of the last Spring seeding, and there ought to be twice the usual amount of Clover Seed sown right here in our country; this will have some bearing on the price this season.

ALSIKE CLOVER SEED.

The crop of Alsike Clover was good, and the yield of seed large, and of very fine quality. This seed has in former years been mostly sold for export, but there is a growing demand for same in this country, as it makes one of the best Forage and Hay Crops and great yield in seed.

ALFALFA, OR LUCERNE CLOVER.

Alfalfa is a wonderful Forage, Fertilizer and Hay plant, the greatest cropper of all Clover and Grass varieties; will produce three to four crops in the season; will thrive and grow on dry, barren, sandy, gravelly and hilly land, where no other plants live. The Alfalfa sprout sinks its roots deeply after moisture and nourishment and the severest drought has no effect on it, the barren soil keeps covered with a beautiful green crop; also stands wet, heavy rains, deep snows and cold winters. Nothing better to renew old worn-out land. We cannot give definite information as to the crop this year, whether short or an average one.

CRIMSON, OR SCARLET CLOVER SEED.

Crimson or Scarlet Clover is an annual variety in common use in Italy, France, and of late in this country. The best time for sowing is in the early Fall. It is a rapid grower; the yield is immense, and for feeding green, late in the Fall and early Spring, it has no equal. Reports from the Western States claim that they sow it also in the months of April and May for Hay, Pasture, and as a Fertilizer, with excellent results.

We refer to our special circulars of this variety of Clover, which gives full information and price.

ORCHARD GRASS SEED.

The crop of Orchard Grass has been a good average one. This seed has been in great demand by English and other foreign dealers. Is one of the most valuable of all pasture grasses, coming earlier in Spring and remaining later in Autumn than any other. It grows about two and one-half feet high, producing an immense quantity of leaves and foliage. On account of its earliness and quick growth it is of exceptional value for permanent pastures. It furnishes the first green bite in the Spring and the last in the Fall; is quick to recover from close croppings, even thrives better the more it is cropped, and is heartily relished by all kinds of stock. It should not be sown alone, as it grows in tufts, but in a mixture with other grasses it should be included, so as to get a close and even sod. It stands severe drought. Sow fourteen pounds or one bushel per acre.

TIMOTHY SEED.

The crop of Timothy Seed, this season, seemed to all appearances a very light one, and that the high prices ruling the last few years would be still increased, as the Timothy meadows and the seeding of last Fall and Spring were to a great extent destroyed by the most severe drought on record. However, some sections in the Western States, as Iowa, Kansas, Wisconsin and Missouri, had sufficient and timely rains, which gave the farmers a good crop of grass, and they all let it go to seed, stimulated by the scarcity and high price, instead of cutting it for hay, and harvested and threshed out a large yield of seed, which was marketed in due time at good prices to the growers. Most of the crop is sold out for Fall sowing and not much left, except what is in dealers' hands, and if any change in price it may be later on considerably higher than at present. There is no doubt but what a great deal of seed is wanted to renew old meadows and re-seed what the drought has destroyed, according to all reports. There was considerable Fall seeding done, but the continuous drought has also injured growth of same, and the demand and supply will regulate the price.

KENTUCKY BLUE GRASS SEED.

Kentucky (not Canada) Blue Grass crop was a fairly good one this season and price lower; is very valuable and exceedingly popular in some sections of the country as a pasture grass. It is very productive and unusually early in Spring, furnishing delicious food throughout the season for all kinds of stock. It is not easily effected by drought or frost, is suited to any variety of soils, succeeding best on a moist, rich meadow. For permanent pastures it is particularly valuable, being of dwarf growth, therefore, not so well suited for meadows. Unexcelled for lawns. Our seed is all new crop, Kentucky grown and the best grade, "Fancy Cleaned." Beware of the Canada blue grass, which does not make as good pasture as the Kentucky, and the seed contains a considerable proportion of Canadian thistle, which would be a great damage to any farmer, but can be purchased at about half price. Sow 14 lbs. per acre for pasture and 40 to 50 lbs. for lawns.

There is a great difference in the qualities, the low grade, or so-called extra clean, is hardly worth sowing, as it contains hardly any seed and is only the chaff and hulls of the Choice and Fancy grades.

RED TOP SEED.

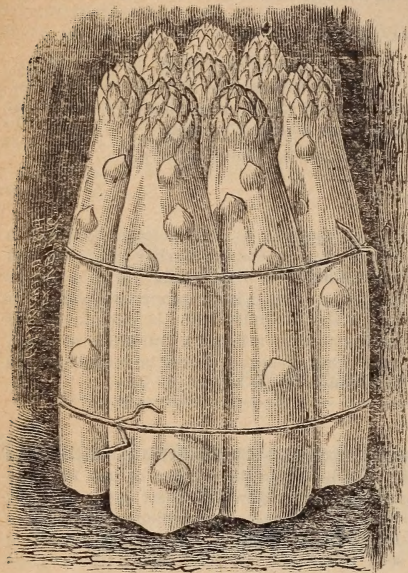
The crop of Red Top Seed this season was not over one-third of an average one. The crop was a short one the last two years, and all the stocks sold out clean and hardly enough to supply the demand. This year starts out with the price nearly double and with not seed enough left to supply home demand, and prospect of still higher prices.

Red Top grows almost everywhere, but in a moist soil it reaches its highest state of perfection; is good for pasture and also lawns. There is a great difference in the grade and qualities. The low-priced seed is really nothing but the chaff and hulls of the Choice and Fancy Cleaned, and contains but a small percentage of germinating seed.

We are recleaners of Clover, Timothy and other Seeds. We buy mostly of growers, and don't mix Mammoth and Medium Clover. Our Pioneer brand Medium is of the highest grade. Our large mail order trade has been built up by honorable dealing, handling the best grades, and giving our customers just what they pay for and expect to get. We have pleased thousands, according to their friendly testimonials, and will please any one who will favor us with their order, and ask you to be friendly and write us for samples and prices whenever wanting to buy in large or small quantities.

GENERAL LIST OF DOUBLE-TESTED VEGETABLE SEEDS.

ASPARAGUS.



CULTURE.—Sow early in Spring in drills two inches deep, rows one foot apart; keep clear from weeds by frequent weeding. When one or two years old, transplant into permanent beds, which should be made rich by plenty of manure. The perfection of the shoots depends mainly upon the favorable conditions of the soil. Set the plants in the rows about one foot apart, with crown of the root three inches below the surface. Every Fall remove the stalks and apply a good dressing of manure, which it would be well to stir in the following Spring with a liberal dressing of fine salt.

Conover's Colossal. A well-tried standard variety; large size, quick growth, excellent quality. Pkt. 5c; 2 oz. 10c; ¼ lb. 15c; 1 lb. 40c.

Palmetto. Very early and desirable on account of its large size, even and regular growth, great productiveness and excellent quality. Pkt. 5c; 1 oz. 10c; ¼ lb. 20c; 1 lb. 60c.

Barr's Mammoth. A new variety of very large, quick growth. Earlier than the Conover's Colossal, and more than twice as large. It is wonderfully productive throughout the entire season, very tender and very delicious flavor. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 60c.

Columbian Mammoth White. This variety is a sport from Conover's Colossal, and originated on the farm of a prominent Asparagus grower of Long Island. It produces pure white shoots and requires no artificial blanching.

ing. On this account it brings in the market a much higher price than any other sort. It is a strong grower, and comes remarkably true from seed—not more than 10 per cent. reverting to the type. Pkt. 5c; oz. 20c; ¼ lb. 50c; per lb. \$1.75.

ARTICHOKE.

The Globe Artichoke is cultivated for its flower heads, which are cooked like Asparagus. On account of its hardness, easy culture and perennial nature, plants set in any good garden soil, two feet apart, with slight covering in winter, will remain in bearing a long time. Sow seed in April and May.

Large Green Globe is the most popular and best for general cultivation. Paper 5c; oz. 30c; lb. \$2.50.

Tuberous-Rooted Artichokes—New White. Well known throughout the country. The roots are esteemed for pickling, and profitable crop to grow for feeding hogs; yield sometimes 300 bushels per acre. Per peck 75c; bush. \$2.00; by mail, postpaid, 25c. lb.

BEANS.

DWARF BUSH VARIETIES.

Of the many varieties of Beans, the following list comprises the very best, of all of which our stock is extra choice, the crop each year being carefully "rogued" and the seed stocks improved by continued intelligent selection. The Bean crop was a fairly good one.

CULTURE.—About the first of May select a warm, dry, sheltered spot; dig and manure slightly; make drills two inches deep and two feet apart; drop the beans three inches apart in the drills and cover not more than two inches deep. Keep hoed (when not wet) and the weeds killed. Sow every two weeks for a succession.

PHILIPPS' DWARF OR SNAP BEANS—GREEN-PODDED VARIETIES.

Prolific Tree Bean. Productive white sort, smaller than the navy. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.00.

White Wonder Field Bean. One of the finest, largest yielding and best for market, also for house use; early. Pkt. 5c; ½ pint 10c; pint 15c; quart 20c; peck \$1.00.

White Kidney. Excellent, either green or ripe; early and very prolific. Pkt. 5c; ½ pint 10c; pint 15c; quart 20c; peck \$1.00.

White Marrowfat. Good as either a string or shell bean; heavy cropper. Pkt. 5c; ½ pint 10c; pint 15c; quart 20c; peck \$1.00.

White Navy, or Boston Pea Beans. Pkt. 5c; ½ pint 10c; pint 15c; quart 20c; peck \$1.00.

ENGLISH DWARF BEANS.

Early Mazagan. Very early, hardy, and bears freely. Pkt. 5c; ½ pint 10c; pint 20c; quart 30c; peck \$1.50.

Broad Windsor. The largest and best of the class of English Dwarf Beans, very tender and delicious. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c.



WHITE WONDER FIELD BEAN.

PHILIPPS' DWARF OR SNAP BEANS—Continued.

Improved Extra Early Round Pod Red Speckled Valentine. A select strain of Early Red Valentine.

Ripening very uniformly and producing enormously. Pods tender and succulent; the most profitable sort for the gardener, ready to pick in 35 days. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.00.

Early Mohawk. Long, flat and straight pod; very hardy. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.00.

Early China. Early and continues long in bearing. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.00.

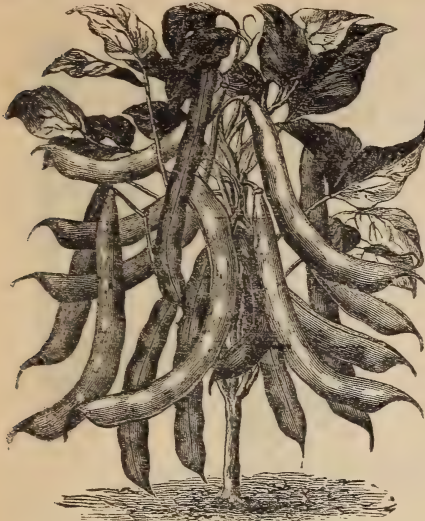
Long Yellow Six Weeks. Extra Early and a most excellent variety; the leading market sort; has full, flat pods. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.00.

Horticultural Dwarf. Excellent quality as a shell bean, either green or dry; equal to the pole bean, easier to cultivate. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.00.

Canadian Wonder, or Rose Bean. Of very dwarfed habit. Pods tender and delicious, growing long, frequently fifteen inches. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.00.

The Goddard, or Boston Favorite. Particularly valuable as a shell bean, being very large, handsome, and of delicious flavor, either green or dry; it is very productive. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.00.

Refugee, or 1,000 to 1. Medium to late; very productive and tender, and largely grown for main crop; round pod. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.00.



IMPROVED EXTRA EARLY ROUND POD RED SPECKLED VALENTINE.

THREE BUSH LIMA BEANS.

The New Bush Limas grow without aid of stakes or poles, in compact bush form, 15 to 18 inches high; produce enormous crops of delicious Lima Beans, which can be as easily gathered as the common garden bush Beans. They are earlier than the climbing Limas, and bear until frost.

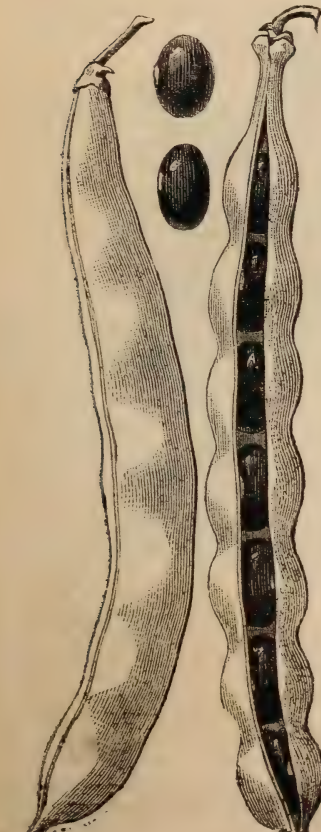
Henderson Bush Lima or Dwarf Sieva. The first introduced. Pkt. 5c; ½ pint 15c; pint 20c; quart 35c; peck \$1.50.

Burpee Bush Lima. A bush form of the large pole Lima, the Beans being large and flat, like those of that variety. It is very productive, and its dwarf character is well established. Pkt. 5c; ½ pint 15c; pint 25c; quart 40c; peck \$2.00.

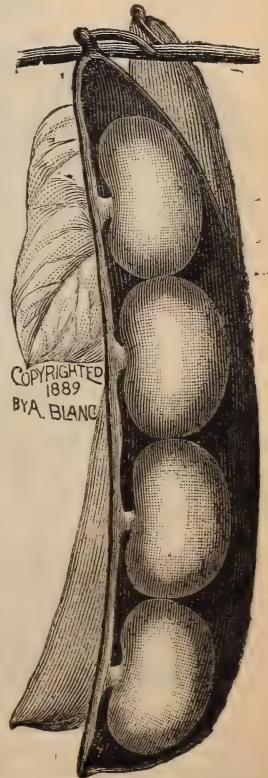
Dreer's Bush Lima. About like the Dreer Pole Lima; thick and of fine quality. Try them. Pkt. 5c; ½ pint 15c; pint 25c; quart 40c; peck \$2.00.

PHILIPPS' DWARF WAX PODDED VARIETIES.

Currie's Rust-Proof Golden Wax. It is positively rust-proof. While grown side by side for several years with other Wax Beans, all of them more or less effected by rust, many of them completely ruined by it, this Bean has remained entirely free from it. Exceedingly crisp and tender, and of a most delicious flavor. As early as the Golden Wax, and it is, moreover, amazingly productive. Habit upright and robust, holding the pods well from the ground; pods long, flat and straight, of a beautiful golden color; the best Black Wax Bean out. Crop very short last year. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.50.



CURRIE'S RUST-PROOF GOLDEN WAX.



BURPEE BUSH LIMA BEAN.

PHILIPPS' DWARF WAX PODDED VARIETIES—Continued.



WARDWELL'S **KIDNEY-WAX-BEAN!**
HARDEST AND MOST PRODUCTIVE.

Wardwell's Dwarf Kidney Wax. Extra early, hardy and productive; pods long, broad, flat, and of a delicate waxy yellow, brittle and entirely stringless; beans white with two shades of reddish purple and a distinct kidney shape, remarkably free from rust; excellent flavor. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.50.

New Prolific German, or Cylinder Black Wax Bean. This is an entirely new and improved strain of the old favorite German or Black Wax Bean, earlier and very productive. Pods perfectly round, straight, long, and of an even rich golden color. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.



DWARF RED FLAGEOLET WAX.

gee. Beautiful tender pods, unaffected by drought. No strings, no rust. Enormous cropper and practically everbearing. Coming into use quite early and continuing well stocked with pods for a very long period. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 30c; peck \$1.25.



**NEW PROLIFIC GERMAN, OR CYLINDER
 BLACK WAX BEAN.**

Dwarf Red Flageolet Wax. Pods very large, sometimes 10 to 12 inches in length, entirely stringless, very fleshy, exceedingly tender and succulent; one of the heaviest yielders and nearly always exempt from rust. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.50.

Black-Eye Wax or Butter. A cross between the Black and Golden Wax. A very superior variety, tender and delicious. The ripened pods are of a transparent, waxy-yellow color. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

Dwarf Crimson or Scarlet Wax. This valuable yellow-podded Bush Bean, in some particulars might be compared with the Flageolet Wax; is very productive, fifty to sixty pods to the vine being quite general, some vines far exceed that number. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

Detroit Wax. Fine sort, foliage tinged yellow, vine strong, pods short, flat broad, light yellow wax; free from rust. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

New Speckled Wax. A little later than Black Wax, but continues longer in bearing than any other bush bean, hence a good family bean; wonderfully productive and everbearing. The long cylindrical pods are crisp and tender. Color, when young, clear, waxy, light yellow, but as the pods mature they become splashed with carmine, very beautiful and attractive; easily shelled. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 30c; peck \$1.25.

New Extra Early Dwarf Ivory Pod Refugee Wax. This is a perfect Refugee, with long, round, ivory, waxy pods. An immense yielder. We find that they are not inclined to rust. The true Wax Refu-

PHILIPPS' DWARF WAX PODDED VARIETIES—*Continued.*

GRENELL'S IMPROVED GOLDEN WAX.

Grenell's Improved Golden Wax. (Rust-proof). The handsomest and hardiest of all the Wax Beans. Very productive; pods straight, broad and a beautiful golden wax; quality very excellent. It is also one of the very best green shelled Beans and excellent dry. We recommend it to all. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.50.



THE GOLDEN-EYED WAX.

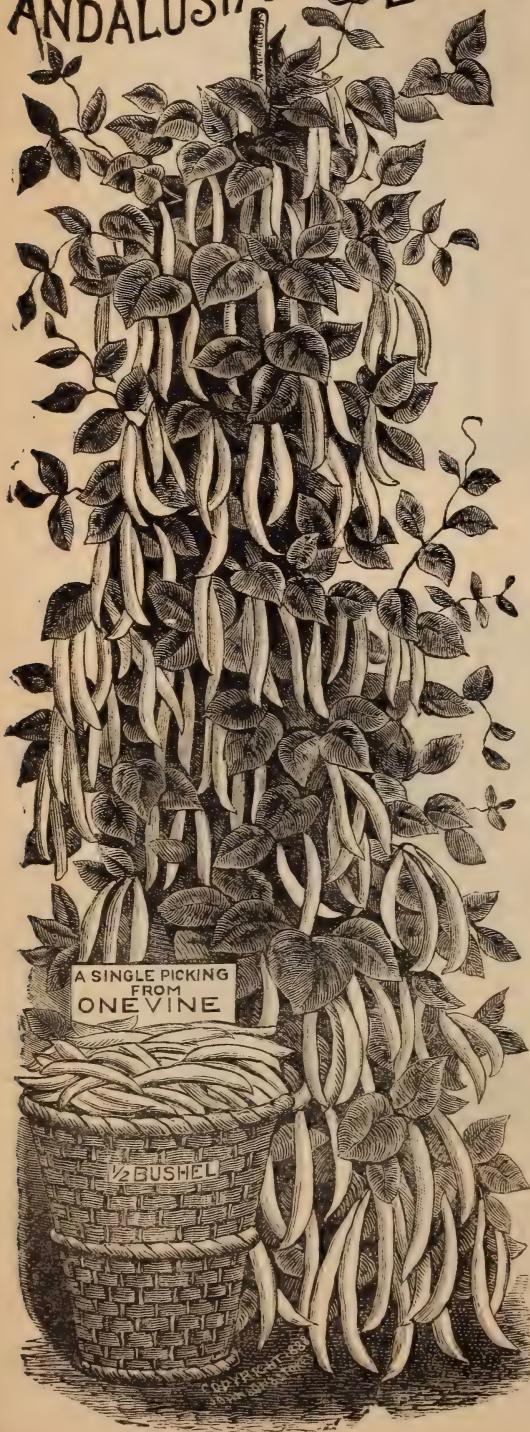
The Golden-Eyed Wax. (Rust-proof). The gardeners' favorite. Is undoubtedly one of the most profitable sorts for market gardener, being early, enormously productive and rust-proof, the vines vigorous and hold pods well off the ground. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

PHILIPPS' POLE OR RUNNING BEANS.

CULTURE.—Sow as soon as the soil becomes warm and dry, from the first of May (for all except Limas) to the latter part of May, in hills four feet apart each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four to five beans to a hill, and of the smaller sorts about 200 hills. Poles, eight to ten feet long, should be firmly set in the center of the hills before putting in the seed.

Horticultural or Speckled Cranberry. Showy and excellent either snap or shell bean. A popular variety. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

NEW GOLDEN ANDALUSIA BEAN



POLE OR RUNNING BEANS—Continued.

Dutch Case Knife. White seeded. Pods long, green and flat; can be either snapped or shelled when used, also for pickling. Pkt. 5c; ½ pint 10c; pint 15c; quart 25c; peck \$1.25.

Scarlet Runner. A popular English pole bean; very ornamental, producing scarlet flowers; good for snap or green shelled. Pkt. 5c; ½ pint 10c; pint 20c; quart 30c; peck \$1.50.

Greer's Improved or Challenger White Lima. Vines vigorous and productive; pods short, broad, straight and coarse; beans large and much thicker than the other sorts of Limas. Pkt. 5c; ½ pint 10c; pint 20c; quart 30c; peck \$1.75.

Extra Early Jersey Lima. Matures ninety days from germination. Yield about eighty bushels green pods per acre. Pkt. 5c; ½ pint 10c; pint 20c; quart 30c; peck \$1.75.

Extra Large or Mammoth White Lima. This is the largest of all the Limas, the pods are of enormous size and containing from five to eight beans. Largely grown and highly esteemed. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c; peck \$2.00.

Tall German Wax (Indian Chief). Black seed. A good snap sort, maturing in seventy-five days; also good for shell beans. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c; peck \$2.00.

Giant Red Wax. Pods long, yellow and tender; very good. Pkt. 5c; ½ pint 10c; pint 20c; quart 35c; peck \$2.00.

New Golden Andalusia Wax Bean. This new Bean has created a decided sensation. Hundreds pronounce it emphatically the most valuable pole variety ever offered. It originated in Andalusia, Bucks County, Pa., with a celebrated bean grower. Our illustration gives some idea of its wonderful productiveness. It is nothing unusual to pick one-half bushel to three pecks from a single vine at one picking. The pods are five to six inches long, broad, thick, very fleshy, and entirely stringless, far surpassing all other varieties in this respect, and retaining those important qualities until almost ripe. The pods when fully grown are from five to six inches long, exceedingly rich, buttery, and fine flavored. The vines cling well to the poles, a very important feature, as the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round as a bullet, pure white in color and also make a fine shell or winter bean. Large pkt. 10c; pint 25c; quart 40c; 4 quarts \$1.25; peck \$2.00. By freight or express.

White Creaseback Pole. Exceedingly productive; in clusters of from four to twelve handsome green pods, six inches long, perfectly round, entirely stringless, very fleshy. Pkt. 5c; ½ pint 10c; pint 20c; quart 30c; peck \$1.75.

Southern Prolific. A splendid, vigorous and productive variety. Pods in clusters, succulent and delicious; matures in seventy days from germination, bearing until frost. Pkt. 5c; ½ pint 10c; pint 20c; quart 30c; peck \$1.75.

POLE OR RUNNING BEANS—Continued.

King of the Garden Lima. A vigorous grower, bearing profusely large pods of large beans of rich flavor; should be in every garden. Our stock is pure and we highly recommend same. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 30c; peck \$2.00.

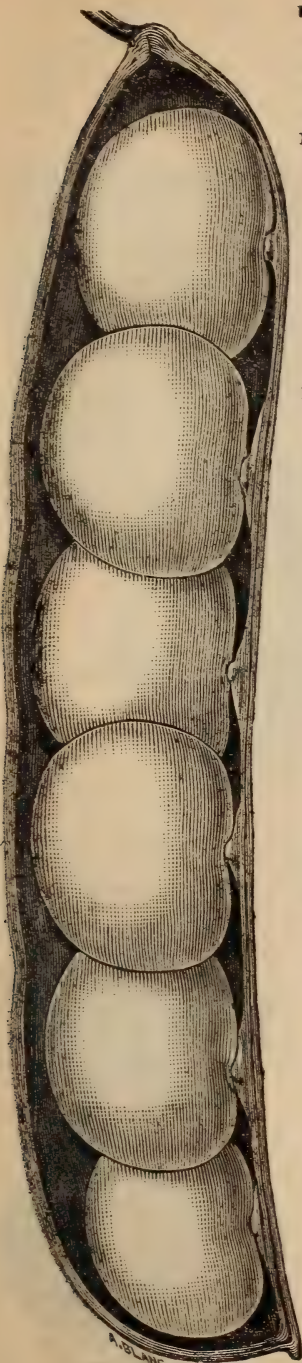
New Early Golden Cluster Wax. Undoubtedly the earliest pole variety. Only about ten days behind the Dwarf Golden Wax. Although it begins to bear early, it continues until frost. Everyone is surprised at its beautiful appearance and productiveness. The pods are from six to eight inches long, borne in clusters of from three to six, and most freely produced; stringless, very tender, and of delicious flavor. Pkt. 5c; $\frac{1}{2}$ pint 15c; pint 20c; quart 35c; peck \$2.50.

Red Speckled Cut Short, or Cornhill.

An old variety, very popular for planting among corn, and will give a good crop without the use of poles; vines medium, with dark colored, smooth leaves; pods short, cylindrical and tender. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 30c; peck \$1.75.

Horticultural Lima. (New). This Bean being a cross between Dreer's Pole Lima and the Dwarf Horticultural, combines the rich, delicious flavor of the large Lima with the dry mealy character of the Horticultural and matures beans fit to use green as early as the latter. It originated along the Vermont shore of Lake Champlain, and is perfectly adapted to latitudes far north of where any Lima can be grown successfully. It is the hardest, the earliest and the best quality of any green podded pole bean; specially adapted for using green shelled. We advise all our customers to try it, as it is the hardest, the earliest and the best quality. Pkt. 10c; $\frac{1}{2}$ pint 15c; pint 25c; quart 40c.

Lazy Wives Pole Bean. This variety originated in Bucks County, Pa., where, for a number of years, it has been the most popular Pole Bean grown. Pods are wonderfully broad, thick, fleshy, and, above all, *entirely* stringless. In these respects they surpass any other known. Then, again, the pods retain their rich, stringless and tender qualities until they are almost ripe; so much so, in fact, that we are perfectly safe in saying they are the best of all Snap-Shorts. They also surpass every variety in the way vines cling to the pole, and every bean grower will at once acknowledge this is a most important qualification. Its name, we think, implies productiveness, for the vines being covered all Summer with masses of beautiful pods, it is just the sort to suit lazy wives, as a mess can soon be picked for dinner; Pods are rather flattish, oval shape, and when fully grown, are from four to six inches long, exceedingly rich, buttery, and fine flavored when cooked. They are hardy, easily grown, and enormously productive. We could furnish hundreds of testimonials from persons who have grown and used the Lazy Wives Bean, all claiming it to be the best Bean they have ever tried, and many have discarded all other kinds, using this for an early and late snap short, and also as dry, shell or Winter bean; and such is the peculiar taste and pleasant flavor of this Bean that we have known many persons who could not be induced to eat other varieties of string beans after tasting Lazy Wives, if they could obtain the latter. Pkt. 10c; pint 25c; quart 45c.



KING OF THE GARDEN LIMA.



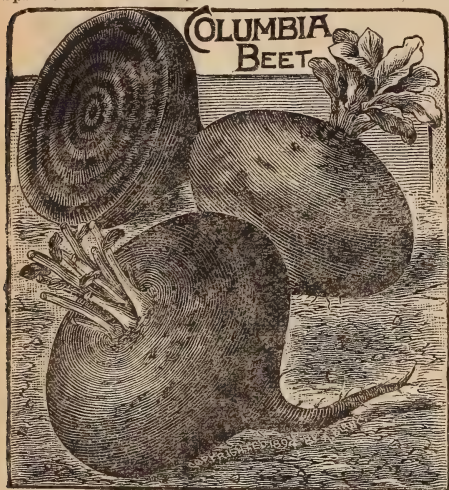
NEW EARLY GOLDEN CLUSTER WAX.

All our Beans are Northern Grown and are not impregnated with, and are free of the Bean Weevil. This is a great point in our favor, as of late years this insect has been a great disturber and ruination of many Bean crops.

SELECTED BEETS—FOR THE TABLE.

One ounce sows 60 feet of drill; 4 to 6 lbs. for one acre.

CULTURE.—Sow as early in the Spring as the ground can be worked, and every two weeks after for a succession, up to the first week in July. For general crop sow about the middle of May. The soil should be light, well enriched with manure, plowed and harrowed until very fine. Sow in drills one foot to fifteen inches apart, and when well up, thin from four to six inches. The young Beets pulled out of the rows are excellent used as Spinach.

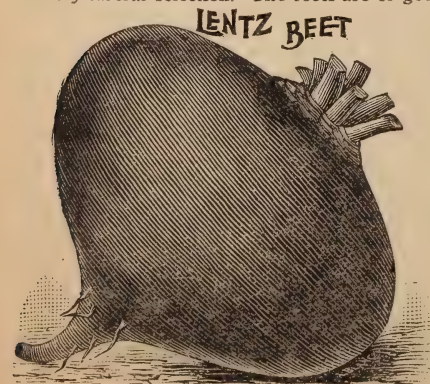


New Columbia Blood Beet. This is a distinct new Beet of a handsome turnip shape, with a smooth skin and deep blood-red flesh of finest quality. Ready to use very early, as soon as the well known Egyptian, but of better quality. It is remarkably thoroughbred. The tops uniformly small, and of rich bronzy color. Is not only of unusual value to market gardener, but its fine quality will delight the private planter. (Is a money maker.) Paper 5c; oz. 10c; 4 oz. 25c; lb. 80c.

Crosby's Improved Egyptian. We believe this to be the earliest variety of Beet in existence. It was originated by Josiah Crosby, a leading market gardener for the Boston market, and is a great improvement on the old Egyptian, being thicker, handsomer and more regular in shape, smooth, with very small tops and small tap root. It is of perfect shape when small, thus making a good Beet for bunching, and is very popular with the Toledo market gardeners for this purpose. Paper 5c; oz. 10c; 4 oz. 25c; lb. 80c.

Lentz' Blood Turnip. (New.) This variety originated with one of the largest market gardeners in Philadelphia. It is as early as the Egyptian, but larger, of fine dark red color, a very small top, tender and sweet. It is very productive and a good keeper. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c.

Edmand's Early Blood Turnip. One of the best Beets grown, being a very careful selection. The roots are of good form round, with only



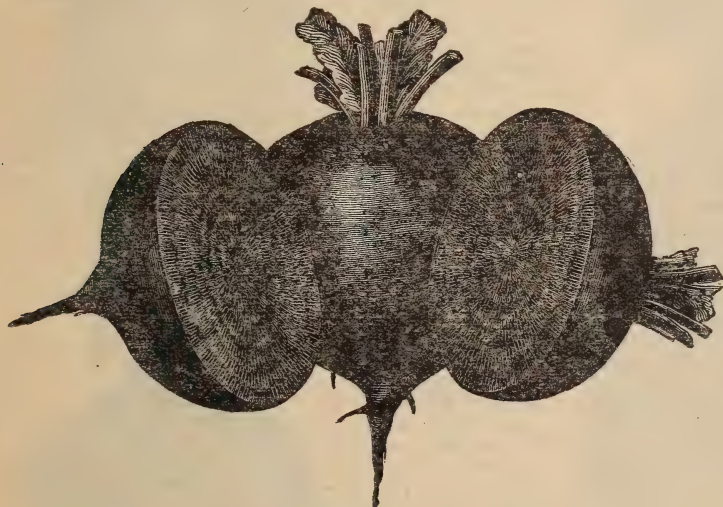
one single small tap root; the flesh is of a deep blood red color, and very sweet and tender. They can be planted very closely, as they do not grow large and coarse, and have a very small top. It is one of the best for the market gardener and for table use. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.



EDMAND'S NEW BLOOD BEET.

SELECTED BEETS FOR THE TABLE—Continued.

- Improved Early Egyptian.** The standard early market sort; color very deep red; tender and sweet; in form like the Flat Dutch Turnip. Our seed is a special selection of the darkest, earliest and most perfect roots with small tops. Paper 5c; oz. 10c; 4 oz. 20c; lb. 60c.
- Eclipse.** A very early, smooth, dark, globe-shaped Beet, with small top; in earliness and quality it is excelled by none; a good cropper; we can recommend it highly for market and family use. Paper 5c; oz. 10c; 4 oz. 20c; lb. 60c.
- Early Blood-Red Turnip.** The old stand-by and a universal favorite. Deep blood color. Good early and late. Paper 5c; oz. 10c; 4 oz. 15c; lb. 50c.
- New Half Long Blood.** This is an entirely new and distinct variety; by far the best for Summer and Winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody even in the exposed portions. Paper 5c; oz. 10c; 4 oz. 20c; lb. 65c.
- Bassano.** Extra early. Flesh light color, very sweet; excellent for greens; an old standard variety. Paper 5c; oz. 10c; 4 oz. 15c; lb. 50c.
- Long Smooth Dark Blood.** A good variety of late Beet, sweet and tender; will keep solid and fresh all Winter. Paper 5c; oz. 10c; 4 oz. 15c; lb. 50c.



Improved Arlington, or Rawson's Boston Market Beet. A great favorite, of medium size and a dark rich blood-red color. One of the strongest points in favor of this variety is the fact that it does not get bitter and stringy when it is a little old, as is the case with many other varieties, but is sweet and tender at all times. Its grand quality, uniform shape and beautiful color, leave nothing to be desired in this grand Beet. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.

IMPROVED ARLINGTON, OR RAWSON'S BOSTON MARKET BEET.

- Swiss Chard, Silver or Sea-Kale Beet.** Cultivated for its leaves, which are used similar to Spinach. The midribs are stewed like Asparagus. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

BROCCOLI.

- This very much resembles Cauliflower in appearance and uses, but is by many considered more delicate.
- Broccoli.** Large White Mammoth or Cape; produces fine large heads and are equal in size and quality to the best and largest varieties of Cauliflower. Pkt. 10c; oz. 50c.

BRUSSELS SPROUTS.

This is a delicious vegetable, of fine flavor, allied to the Cabbage family, producing great numbers of small heads for sprouts on the main stem of the plant, which are used in the manner of Cabbage. Used and prepared as greens, they are best in the Autumn, especially after frost. Pkt. 5c; oz. 20c; ¼ lb. 50c.

MANGEL WURZEL AND SUGAR BEETS.

STOCK FEEDING VARIETIES.


Five or six pounds of seed required per acre.

The attention of farmers to the growing of roots for feeding stock has increased rapidly, judging from the increased sales of our selected seeds, which now reach several tons annually. The wonderful results are plainly shown in the health and general condition of the animals, and the increased yield of milk in cows.

The importance and value of this crop to all farmers cannot be overestimated, and is fully realized by very few, when the fact is considered that as high as fifty tons of Mangel Wurzel may be grown on a single acre, thus providing fresh and healthful stock food for the Winter at so small an outlay.

The seed should be sown from April to middle June, in drills two feet apart, and afterwards thinned out to stand 9 inches apart in the rows. Keep well cultivated and you will have an abundant crop of roots for Winter use. The plants can also be replanted like Cabbage.

From five to six pounds of seed required to the acre. In quantities of five pounds and over, by freight or express, 10 cents per pound may be deducted from prices per single pound

 Write for estimates on larger quantities.

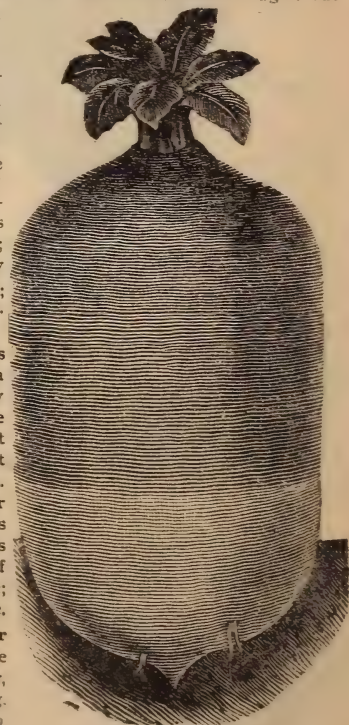
Norbiton Giant or Jumbo Red Mangel. Stands head above all other varieties of mangels; unequaled for feeding and yielding and feeding qualities. Grows to a very large size, weighing from thirty to forty pounds, and will yield forty-five tons per acre with good cultivation. Thousands of farmers have grown this mangel and call it the most profitable farm crop they ever tried. If you want large crops of large mangels of good quality, don't fail to try the Norbiton Giant or Jumbo Red Mangel; enormous cropper. Preferred by many to common Long Red, as its keeping quality is considered better and it is much larger. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; $\frac{1}{2}$ lb. 20c; lb. 35c.

Golden Tankard Yellow-Fleshed Mangel. This distinct variety is a most important addition to our list of roots for stock feeding, as it contains less water and more sugar than any other mangel. A special feature is the rich, deep yellow color of the flesh, nutritious and milk-producing qualities. In England, where it is considered indispensable for dairy farming, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this mangel, but also that the cows are in much better condition. Is exceedingly hardy, and maturing earlier than other large sorts. Pkt. 5c; 2 oz. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c.

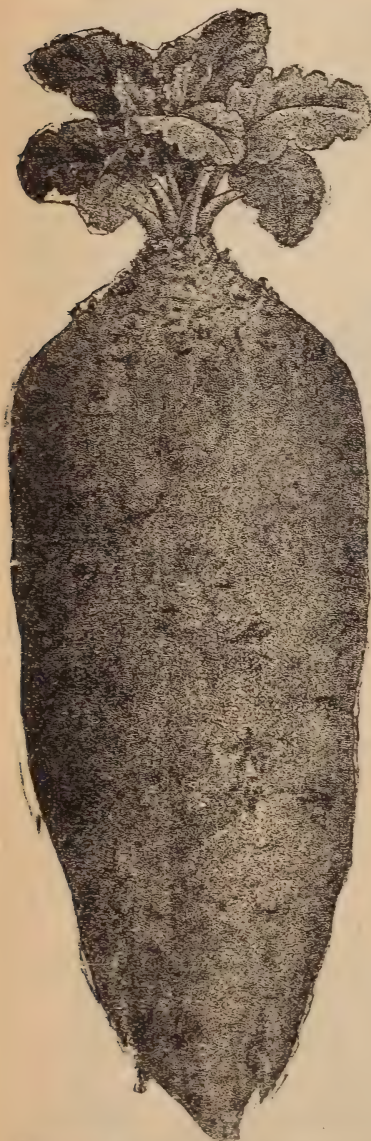
Champion Yellow Globe Mangel Wurzel. For cattle; large and productive; keeps well; is of orange-yellow color; very sugary; easily pulled. Pkt. 5c; 2 oz. 10c; $\frac{1}{2}$ lb. 15c; $\frac{1}{2}$ lb. 20c; lb. 35c.

Klein-Wanzleben. This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is a heavier yielder than Vilmorin's Imperial, and contains from 13 to 15 per cent. of sugar. Pkt. 5c; 2 oz. 10c; $\frac{1}{2}$ lb. 15c; $\frac{1}{2}$ lb. 20c; lb. 35c.

White French Sugar Beet. Grows very large and useful for sugar, as well as stock feeding. Pkt. 5c; 2 oz. 10c; $\frac{1}{2}$ lb. 15c; $\frac{1}{2}$ lb. 20c; lb. 35c.



GOLDEN TANKARD MANGEL.



NORBITON GIANT, OR JUMBO RED MANGEL.

Growing Mangel Wurzel and Sugar Beet for stock is the growers' best investment. These make the cheapest of foods for all kinds of live stock, Cattle, Horses, Sheep, Pigs, Chickens. Two bushels of Mangels are worth as much as one bushel of Corn. Four bushels of Mangels are equal to 100 lbs. of good Hay. It is pleasing to receive scores of the most flattering reports from our friends of their great crops of Mangels grown from the seed they bought of us. Our friends may rely upon getting the best seed, grown from the choicest rain and stock in the world. So send us your order.



LANE'S IMPROVED IMPERIAL
SUGAR BEET.

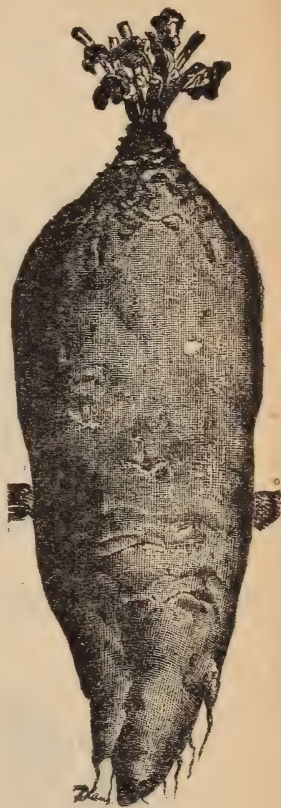
Lane's Improved Imperial Sugar Beet. (See illustration.) An improvement on the French Sugar Beet. The most popular, profitable and productive variety of sugar beets in cultivation. For feeding cattle, sheep or swine, it has no equal. This Beet will yield from 30 to 40 tons per acre, at a cost of 5c. per bushel. It is the result of many years' improvement, by carefully selecting and planting for several years the finest specimens of the French Imperial Sugar Beet. It is the one best adapted to the soil and climate of the United States, and most valuable of any for stock-feeding purposes. The beets grow to a large size, and perfect in shape. Very free from side roots, easily grown and excellent keepers. We recommend Lane's Imperial Sugar to our friends and customers who anticipate growing beets for feeding purposes, as it is certainly one of the most profitable and valuable kinds. Pkt. 5c; 2 oz. 10c; $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; 1b. 40c.

Mammoth Long Red Mangel Wurzel. Very large and productive. Pkt. 5c; 2 oz. 10c; $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 20c; 1b. 35c.

No crop will pay the farmer better than Mangel Wurzel and Sugar Beet. Special price given on application, for larger quantities of any kind Mangels and Beets.

CARROTS.

Sow 1 ounce to 150 feet of drill; 4 lbs. to the acre.



MAMMOTH LONG RED
MANGEL WURZEL.

CULTURE.—The Carrot, like other root crops delights in a sandy loam, richly tilled. For early crops sow in Spring as soon as the ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart, so that the crop can be worked by the horse cultivator. As carrot seed is slow to germinate, all precautions must be taken.

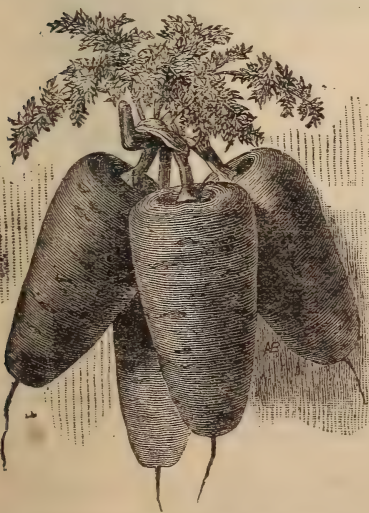
Chantenay Half Long Scarlet. A stump-rooted variety, somewhat resembling the well known Nantes Carrot, but having a larger shoulder and being much more productive; sweet, fine flavored, almost without a



EARLY HALF
LONG STUMP-
ROOTED;



JAMES' INTER-
MEDIATE;



CHANTENAY HALF LONG SCARLET.

core; very fine grained; excellent for home garden and market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1b. 75c.

Early Half Long Stump Rooted. Coreless; flesh red; of fine quality. In size and time of maturity it is between the Early Scarlet Horn and the Long Orange. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.

James' Intermediate. This variety nearest resembles the Danvers (it might be called two-thirds long), but thicker at shoulder and heavier. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 65c.

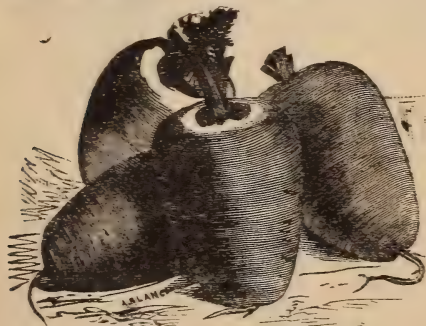
Early Scarlet Horn. Blunt, deep red flesh, tender and delicate; a good early Summer sort. Also good for forcing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Early Scarlet Horn Pointed. A fine variety, of medium size; color deep scarlet; fine flavor; very productive; fine table. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



HALF LONG DANVERS.

Danvers Half Long Orange. This variety originated where the raising of Carrots is made a special business, twenty to thirty tons per acre being no unusual crop. In form it is midway between the Long Orange and Short Horn. The root is of a rich, dark orange color, and grows very smooth. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 70c.



GUERANDE OR OX-HEART CARROT.

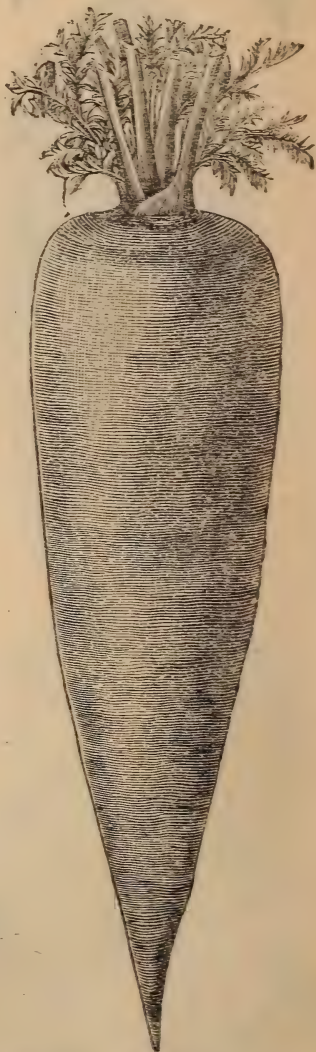
Guerande, or Ox-Heart Carrot. A very desirable new carrot. In length intermediate between Short Horn and Chantenay; much thicker than either, and carries its thickness well down towards the bottom. In color as dark as Chantenay; is an immense cropper, early harvested, requiring no digging, while its handsome appearance and excellent table qualities make it valuable for either the market or home garden. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Improved Long Orange. Our Improved Long Orange Carrots, as will be seen by the illustration annexed, are far superior to the ordinary varieties of Long Orange Carrots, and will yield fully twice as much to the acre as the common varieties. In no other vegetable has there been such improvements recently made as in the Carrot, and we claim to have the best strain of Long Orange Carrots there is to be found in this country. We ask our friends to give it a trial, and be convinced of its great superiority. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 55c; 5 lbs. \$2.50.

IMPROVED LONG ORANGE CARROT.

Altringham. This Carrot is an immense and sure yielder. Roots are long and large, of a fine scarlet, good flavor, and superior feeding qualities. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 55c; 5 lbs. \$2.50.

Large White Belgian. Very productive kind, grown almost exclusively for stock; grows one-third out of the ground; lower part of root white; that above ground green. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c; 5 lbs. \$2.25.



RELIABLE CABBAGE SEEDS.

SELECTED AMERICAN GROWN STOCKS.

That Market Gardeners can Depend Upon.

WE ARE HEADQUARTERS FOR SELECT AND DOUBLE TESTED SEED.

To Market Gardeners generally no vegetable is of greater importance than the Cabbage; and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risks in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable.

Our Cabbage Seed is high grade and reliable, because it is sure to head under any circumstances where Cabbage will head. Sure to head, because the seed is all carefully grown from selected heads of the very best strains. Our trade increases largely every year among Market Gardeners and large growers, who are very cautious of whom they procure their Cabbage Seed, and well they may be, for it is their most important crop. We especially recommend our Select Very Early Jersey Wakefield, a variety of celebrity, for first early; Henderson's Early Summer, Henderson's Improved Succession, Fottler's Improved Brunswick, Early Winnigstadt, our Market Gardeners' Large Late Flat Dutch, Philipps' Premium Flat Dutch, All Seasons, Sure Head Flat Dutch, Burpee's All Head and Autumn King, for general crop.

Our Cabbage Seed is the best that is grown in the United States. We do not touch any cheap seed. Imported Cabbage Seed, of the late sorts especially, will not head in this country.

One ounce of Seed produces 1,500 to 2,000 plants, and sows an area of about 40 square feet.

For Cabbage worm try "Slug Shot."



SELECT EXTRA EARLY JERSEY WAKEFIELD.

planted late it is a choice Winter sort. Pkt. 5c; ½ oz. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

FIRST EARLY.

Select Extra Early Jersey Wakefield. Certainly deserving of its great popularity, and is grown for market more extensively than any other early Cabbage. It heads up remarkably hard and solid; the heads are pyramidal in shape, generally pointed at the end, and having few outside leaves, the plants can be close together. The heads are of excellent quality and of good size. Pkt. 5c; ½ oz. 10c; oz. 20c; ¼ lb. 75c; lb. \$2.50.

Early Winnigstadt or Cone. An old standard variety; heads of a fair size, conical in shape, very solid; good for early and late. Pkt. 5c; ½ oz. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

Henderson's Early Summer. The standard for second early. We have an excellent strain of this well known sort. Pkt. 5c; ½ oz. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

Fottler's Early Drumhead or Short Stem Brunswick. A rapid grower, has large solid head, and but few outside leaves. If planted early it is ready for use in July or August:

SECOND EARLY.

Genuine Surehead. This popular Cabbage is rightly named Surehead. It never fails to make a remarkably fine, solid, large head, with few outer leaves. It originated some years since with a practical market gardener, by crossing the Flat Dutch and Drumhead varieties, and has always brought the highest price in the markets. Is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from the original seed, and none better is to be had at any price. Paper 5c; ½ oz. 15c; oz. 25c; ¼ lb. 65c; lb. \$2.25; 2 lbs. \$4.00.

All Seasons. This strain of Early Drumhead Cabbage we offered to the public seven years since, under the broad claim of being about as early as the Early Summer and growing much larger. Gardeners everywhere say they find our claims are fully substantiated in every particular. As its name indicates, it can be planted at all seasons. It forms a fine large head of superior quality, not bursting after heading; the heads are of great thickness, which makes it a capital market sort and good keeper. Paper 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

The Lupton. The Cabbage for the Million! The Lupton is the greatest Cabbage ever offered the American Cabbage grower. Mr. Lupton, the introducer of this, is the largest individual producer of Cabbage Seed in the world. Price, pkt. 10c; ½ oz. 35c; ¼ lb. \$1.00; lb. \$3.00. (See Novelty page, giving more full information.)

CABBAGE PLANTS.—Large quantities at special rates. Early Jersey Wakefield and Henderson's Early Summer, from cold frames, ready from January 1st to May 1st—\$1.00 per 100; \$6.00 per 1,000. Spring sown and transplanted, half above prices; ready May 1st. Cabbage, Cauliflower and Celery plants at the lowest market prices.



PHILIPPS' IMPROVED SUCCESSION CABBAGE.

Philipps' Improved Succession This new Cabbage, of which we offer the best Long Island seed grown from the center shoots of carefully selected solid heads of the very best strain. The Succession is about one week later than the Early Summer, but is double the size and is so finely bred that in a field of ten acres every head was a magnificent, perfect specimen, fit for exhibition purposes. Despite the low prices realized by Cabbage crop last season, the Succession brought paying prices wherever grown, and may well be regarded a boon to the gardening community. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Philipps' All Head Medium Early Cabbage. It is the earliest of all large cabbages. Is fully one-third larger than Early Summer. The deep, flat heads are remarkably solid and uniform in color as well as in shape and size.

Is of fine quality. By reason of the compact habit of growth of the Philipps' All Head Medium Early and the absence of loose leaves, fully one thousand more heads can be obtained to the acre than of most other varieties of good size. Set the plants eighteen inches apart in rows with three feet between the rows for cultivation, and Nine Thousand Six Hundred and Eighty (9,680) plants can be set on one acre, ninety-five per cent. of which, in an ordinary season, and with good cultivation, will make good merchantable heads. "All Head" is all that can be desired for earliness, it is also valuable for a late or Winter Cabbage. To winter well the heads must be deep or thick through—a prominent feature of this variety. Seed of the All Head sown in July, and plants set out about the middle of August, will bring heads large and solid which are sure to winter well. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.25.



PHILIPPS' ALL HEAD MEDIUM EARLY CABBAGE.

Market Gardeners, in fact all who grow Cabbage for market or private use, don't fail to try our Cabbage Seed, it will highly please you, and prove a great money maker for Market Gardeners. We have our Cabbage Seed grown by the most reputable, honorable and experienced Cabbage Seed growers on Long Island (in fact in the world). We get our seed direct of the growers, and not from second hand. We pay a good price for it, as good seed costs good money, and then it is cheap. We make special prices to Market Gardeners and large growers. Don't fail to give us your order, as it is to your own benefit to do so.

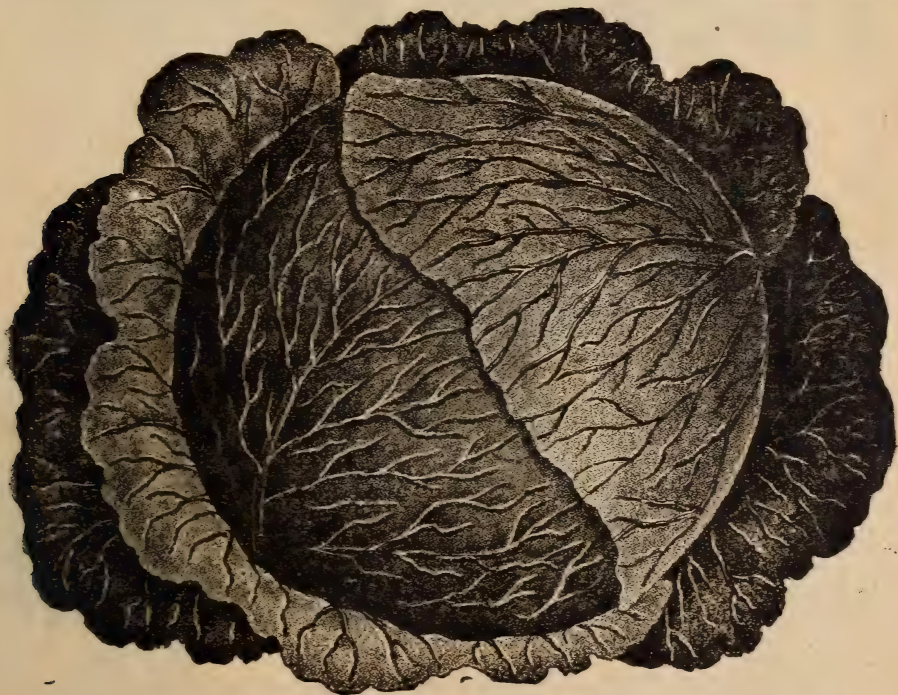


PHILIPPS' PREMIUM LARGE LATE FLAT DUTCH.

Early Dwarf Flat Dutch. An excellent second early old standard variety, producing fine large heads after the first early varieties have disappeared. Highly valued, both for its fine quality and ability to resist heat. Heads are very solid, broad and round, flattened on top; tender and fine grained. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Philipps' Premium Large Late Flat Dutch. As a variety for main crop and the Winter market this has no superior. Heads large, round, solid, broad, and flat on the top; they open white and crisp, are tender and well flavored. It is also one of the very best varieties to keep. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Toledo Market Gardeners' Large Late Flat Dutch. This strain of Cabbage has worked itself to the front, and enormous crops are grown every season around Toledo, and we honestly recommend this superior strain of Cabbage to all who



OUR TOLEDO MARKET GARDENERS' LARGE LATE FLAT DUTCH.

(Specially grown for us on Long Island.)

wish to grow a large, heavy, hard, smooth-leaved, late-ripening Cabbage, no strain is superior and few equal to this. The leaves are feathered to the stalk, slightly fluted or twisted on the outer edges. Color, a clear green with a gray or ashy shade under certain lights. The head is thick, broad, solid and slightly rounded on the top, though the variety is what is termed a flat head. The natural habit of the seedling plants is to develop thick, short, stocky stems. The seed is worth twice the money asked for it. The strain carefully selected to meet the most critical demand. To those who have never grown this splendid type of Cabbage, will say that we have received hundreds of the most flattering testimonials about this valuable Cabbage. All give it the highest praise, and we recommend this to our friends as one of the best and most productive Winter Cabbages in the country. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

You cannot miss buying any variety of our CABBAGE SEED. It is all of the highest grade, fresh and pure. Order just what you want, even if only a single packet. We believe, however, that if you look carefully through our list, you will find many that you want. You can select 32 five cent packets for \$1.00, postpaid.



IMPROVED AUTUMN KING CABBAGE.

"World Beater," which variety was introduced a few years later as one of the grandest of all Winter Cabbages, which is the case with the Autumn King. Paper 5c; ½ oz. 15c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

Philipps' Toledo Large

Late Drumhead. This is one of our standard late maturing varieties. Large, solid head, with very short stem, grows very compactly. Heads frequently attain 20 to 30 pounds. We highly recommend this great Cabbage to all; always reliable as a header and noted for its excellent quality. Pkt. 5c; ½ oz. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

PHILIPPS' RELIABLE SAVOY OR CURLED CABBAGE.

We desire to call special attention to this class, all of the varieties enumerated below being of much finer flavor and quality than the best of other Cabbages. They are particularly adapted for private use, where quality rather than quantity is desired. Grown in the Fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.



PHILIPPS' TOLEDO LARGE LATE DRUMHEAD.



AMERICAN DRUMHEAD SAVOY.

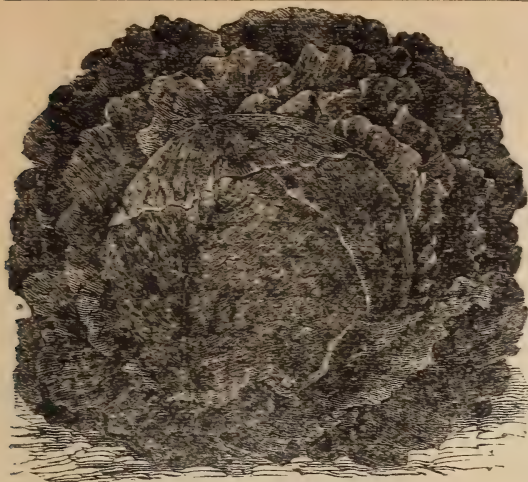
Early Dwarf Elm Savoy. A very early variety, with small, round, solid heads. Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. \$2.25.

Netted Savoy. This is the finest of the Savoy class, and a general favorite. Heads large, very solid and compact, a yellowish green color, and, like all other of the Savoy varieties, is of excellent flavor, far surpassing that of any other late Cabbage. Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. \$2.25.

American Drumhead Savoy. The largest heading Savoy; of excellent flavor. Pkt. 5c; oz. 20c; ¼ lb. 75c; lb. \$2.25.

Marvin's Savoy. This distinct variety originated with a Long Island trucker of many years experience. It is very uniform, large, solid, very curly, and a sure header (ninety to ninety-five per cent.) Pkt. 5c; ½ oz. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

Improved Autumn King Cabbage. The finest of all Winter Cabbages. The best keeper, enormous solid heads, introduced seven years ago, has proved itself the peerless variety and is just now coming into general use. We have no hesitation to recommend it as one of the finest late Cabbages in this country. The Autumn King is an entirely distinct variety and the best keeper ever seen; it produces enormous solid heads of that dark shade of green that is most desirable in a Cabbage, and has such small outer leaves that it can be planted much closer than the ordinary late sorts, and can be relied upon to produce a greater weight of crop per acre from the fact of its producing so few outer leaves and going all to head. We understand that some other seedsmen are offering this same stock of Cabbage under the name of



MAMMOTH ROCK RED CABBAGE.

RED CABBAGE.

Extra Early Dark Red Erfurt. The earliest and finest red. A useful sort for pickling. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 20c; 5 oz. 75c; lb. \$2.25.

Mammoth Rock Red. The Mammoth Rock is by far the best, largest and surest heading Red Cabbage ever introduced. The plant is large, the head is large, round, very solid and of a deep red color; will average 12 lbs. each. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c; lb. \$2.50.

It was the Red Cabbage exhibited at the Fairs in our section, from *Seed we sold*, which drew the highest premium. Do not fail to try some.

Much imported Cabbage Seed is offered as American at low prices. Our experience is that imported seed of the late varieties is worthless.

PHILIPPS' GILT EDGE CAULIFLOWER.



GILT EDGE EARLY SNOW BALL.

CHOICE SELECTED VARIETIES.

One ounce of seed will produce about 2,000 plants.

CULTURE.—The most delicate and delicious of all the Cabbage family and requiring the same culture and treatment, but being more delicate the good culture and richness of the soil recommended for Cabbage are absolutely necessary for the Cauliflower. By sowing the early varieties in the Spring in a hotbed or cold frame, or even in an open border, they can be obtained in pretty good season.

Gilt Edge Early Snowball. The strain we have of this variety is without doubt the *very best to be had*. Our stock was grown from the very finest specimens, noted for their earliness, dwarf habit, large size, uniform shape and compact growth. For forcing under glass during Winter and early Spring, or for planting later in the open ground, no stock of Snowball can surpass it. Pkt. 25c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$1.40; oz. \$2.50; $\frac{1}{4}$ lb. \$3.00.

Extra Selected Extra Early Dwarf Erfurt. One of the earliest varieties; small-leaved, dwarf for forcing, producing very solid, pure white heads of the finest quality; about fifteen inches high. Do not confound this variety with the cheaper Early Dwarf Erfurt. Pkt. 25c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$1.40; oz. \$2.50; $\frac{1}{4}$ lb. \$3.00.

Early Snowball. (Grown from Henderson's stock). One of the best early varieties in cultivation; fine white heads of delicious flavor; sure header, and a great favorite. Pkt. 10c; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00.

Extra Early Paris. One of the earliest varieties in cultivation. Very dwarf, large white compact heads of finest quality. Highly recommended; sure heading variety. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c; oz. 75c.

Half Early Large White French. Heads large, white and compact; good for either early or late use. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.00.

Large Late Algiers. A splendid late variety; popular with canners and market gardeners. Seldom fails to produce large white heads. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.00.

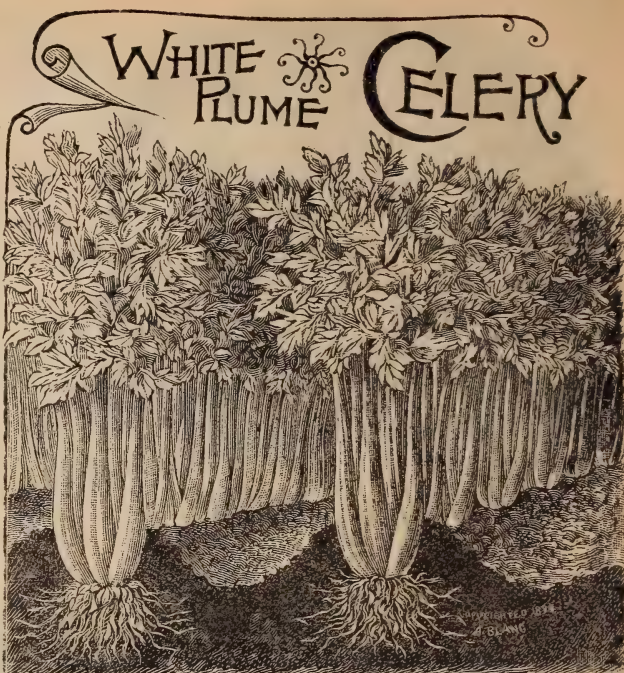
CELERY.

THE FINEST AND MOST SUPERIOR
STRAIN OF CELERY SEED GROWN
IN THE WORLD.

One ounce will produce about 3,000
plants.

CULTURE.—A very popular and now
extensively grown vegetable. It can
be grown with good success in any or-
dinary good soil, but attains perfec-
tion in deep, mellow, bottom land.
Sow when the Apple is in bloom, on a
finely raked surface and cover
scarcely at all, quite early in the
spring, in a moist place or convenient
to water, which apply freely in dry
weather. When the plants are four
inches (more or less) in height, trans-
plant a portion into very shallow
trenches formed in well manured
land, which planting repeat at inter-
vals of two or three weeks for a suc-
cession, until the necessary quantity
is set out.

White Plume Celery. The earliest
the handsomest, the easiest grown
and most profitable for early mar-
ket. White Plume is self-blanching;
the stalk and portions of the inner
leaves and heart are naturally white;
needs very little banking up to blanch; crisp, solid and of



a nutty flavor, while its white, feather-like foliage
places it ahead of all others as a table ornament.
Our seed can be relied upon as the "True White
Plume." We have made a specialty of White Plume
ever since its introduction. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb.
60c; lb. \$2.00.

**Now Golden Self-Blanching. (Golden Yellow
Large Solid.)** This is the best Celery in cultiva-
tion, and it cannot be too highly recommended.
The plant, with its close habit, compact growth,
and straight, vigorous stalks, has a beautiful ap-
pearance. The ribs are perfectly solid, crisp,
brittle, and of delicate flavor, surpassed by no
other variety, while it has the decided merit of
being self-blanching to a very remarkable degree.
The heart is large, solid, and of a beautiful rich,
golden yellow color. The leaves also are of a
beautiful golden yellow after the plant has been
bleached, which adds greatly to its handsome ap-
pearance when prepared for the table. No variety
can surpass, if, indeed, equal the Golden Self-
Blanching in striking appearance and delicious
flavor and exceedingly popular with every planter.
Excellent sort for early planting and good keeper.
Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Crawford's Half Dwarf. A great favorite with
market gardeners. Early, solid, of vigorous
growth, and nutty flavor; very ornamental, and
exceeds many of the larger growing kinds in
weight. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Giant White Solid. The best of the large grow-
ing sorts and a favorite variety, solid, crisp and
tender. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Red or Pink. A variety fancied by reason of its
distinctive color and hardness. Quality good; de-
sirable in the private garden as one of the most re-
liable sorts. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c;
lb. \$2.00.



NEW GOLDEN SELF-BLANCHING CELERY.

CELERY—Continued.



NEW GIANT PASCAL CELERY.

Boston Market. A very superior market variety; much esteemed for family and market use and a good keeper. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

New Giant Pascal. The latest and best variety of Celery. It is a selection from the Golden Self-Blanching, and adds to the general good qualities of its parent, superior keeping qualities. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor, free from any taste of bitterness. It blanches very easily and quickly and retains its freshness a long time after being marketed. The heart is golden yellow, very full and attractive in appearance. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.



DWARF GOLDEN HEART

Dwarf Golden Heart.

A distinct variety of sturdy dwarf habit. It is solid, and an excellent keeper, and of fine nutty flavor. When blanched, the heart, which is large and full, is of a light yellow, making it an exceedingly showy and desirable variety for either market or private use. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.



CELERAIC.

CELERAIC OR TURNIP-ROOTED CELERY.

CULTURE.—Sow early in the Spring, in light, rich soil; transplant in May into beds. Grown exclusively for its roots, which are turnip-shaped, very smooth, tender and marrow-like. The roots are cooked and sliced; used with vinegar they make an excellent salad. They are also used for seasoning meats and to flavor soups.

Prague Giant. Of fine flavor and large size. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Mixed Celery Seed. For flavoring. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c.

Celery Plants. See list of vegetable plants.

CORN SALAD, OR FETTICUS.

CULTURE.—Sow during August and September, in drills or broadcast. Keep down weeds with hoe. Just before the first of the

Winter, cover thinly with clean straw or leaves. A delicious hardy salad.

Large Seeded. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.

Small Seeded. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.

CRESS.

CULTURE.—Sow thick in shallow drills, every two or three weeks. Cut often, it will continue to grow. Useful as salad; for break fast table and garnishing. True Water Cress should be sown in damp soil; if a stream of water can be utilized it would be much finer; will also thrive well in damp hot beds. **Garled or Pepper Grass.** Pkt. 5c; oz. 10c; lb. 60c.

Broad Leaved. Pkt. 5c; oz. 10c; lb. 75c.

True Water Cress. Pkt. 10c; oz. 35c; lb. \$4.00.





CORN SALAD.

SWEET OR SUGAR CORN.

ALL EASTERN GROWN.

One quart plants 200 to 300 hills. Eight or ten quarts for an acre.

 **Special prices will be made for larger quantities than here quoted.** 

It is a well known fact that Connecticut grown Sweet Corn, transferred to the Middle and Western States, will be ten days earlier, is sweeter, of better flavor, and better cropper. We could buy splendid looking Sweet Corn, grown in the Western States, at one-half the price we paid for ours, but we prefer to work for the benefit and interest of our customers as well as our own, even at less profit. The crop of Sweet Corn was a full average one and the quality fine, although the extreme drought threatened a short one. *Half peck and half bushel at peck and bushel rates.*

CULTURE.—The Sweet or Sugar Corn varieties being liable to rot in cold or wet ground, should not be planted until May, or when the ground has become warm, and for a succession plant every two weeks until the last week of July, in hills 2x3 feet for the early kinds, and 3x4 for the large, late kinds. Some plant in drills 3½ feet apart and eight inches in the row. Give frequent and thorough cultivation.



EARLY
MINNESOTA.

EXTRA EARLY
CORY.

EGYPTIAN, OR
WASHINGTON MARKET.

MAMMOTH
SUGAR.

EARLY
RUSSELL'S PROLIFIC.

STOWELL'S
EVERGREEN.

Extra Early Adams. The earliest white Corn; ready for table sixty days after germination. Height of stalk three to four feet; not a sugar corn, but a decided acquisition so very early in the season. In large demand among market gardeners. Pkt. 5c; pint 10c; quart 15c; peck 75c.

New Cory. Extra early. The earliest variety of Sweet Corn known. Has a large ear considering size of the stalk and its extreme earliness; small cob, well filled with broad deep grains; good quality. Pkt. 5c; pint 10; quart 15c; peck 75c.

Extra Early White Cory. In all respects identical with the New Cory, except color, kernels and cob being white; earliness the same. This removes an objection some have to the Cory on account of its color. Pkt. 5c; pint 10c; quart 15c; peck 80c.

'Shakers' Early. Ready about the same time as the Early Minnesota, but the ears are much larger; from two to three large ears; kernels large, of pearly whiteness and of delicious flavor. Pkt. 5c; pint 10c; quart 15c; peck 75c.

Early Minnesota. One of the earliest sorts of Sweet Corn; ears of suitable size for market purposes; esteemed for its excellent qualities. Pkt. 5c; pint 10c; quart 15c; peck 75c.

Early Large Eight-Rowed. A fine early sort; the ears are of large size and have eight rows of fine, broad grains of delicious quality. Pkt. 5c; pint 10c; quart 15c; peck 65c; bushel \$2.20.

SWEET CORN IS ONE OF THE BEST paying crops to grow. If it cannot be all disposed of in the green state, for table use, the Corn in its dry state, also the fodder, is very valuable. Don't miss to buy good seed and plant same.



PHILIPPS' NEW WONDER CORN.

size; kernels very deep, tender and sugary; very productive, and remains a long time in fit condition for table use. Pkt. 5c; pint 10c; quart 15c; peck 70c.

Philipps' New Wonder Extra Early Sweet Corn. After two seasons trial, we offer this new Sweet Corn, as the New Wonder of all the early varieties of Sugar Corn ever grown. Its great merit is in its earliness, large yield, with ears as large as Stowell's Evergreen, with two and three ears to a stalk. Kernel pure white, very delicious, sweet and tender, and the most wonderful extra early large eared Sweet Corn ever introduced. We confidently recommend this New Wonder to the Market Gardeners as a great money maker, and should be in every private garden. Our supply is not over large and would advise all in want of this choice Corn to order early. Price, *postpaid*, ½ pint 10c; pint 18c; quart 35c. Not *postpaid*, pkt. 5c; pint 10c; quart 20c; peck \$1.00.



lies. Pkt. 5c; pint 10c; quart 15c; peck 65c.

Russell's Prolific. Only a few days behind the earliest. As large as the Evergreen; kernels very large, pearly white and sweet; ears are ten to twelve rowed, large and plump; stalks strong, bearing two or three ears each. Pkt. 5c; pint 10c; quart 15c; peck 75c.

Crosby's Early Sugar. Early; great favorite in the markets; productive and of excellent quality. Pkt. 5c; pint 10c; quart 15c; peck 75c.

Perry's Hybrid Sweet Corn. A very fine early variety, fully as early as the Minnesota and ears much larger, each containing from twelve to fourteen rows of kernels, well filled to the end. The grains are very large and pure white, but the cob is red. Pkt. 5c; pint 10c; quart 15c; peck 80c.

Moore's Early Concord. A good second early. Many gardeners plant it as late as July 1st, as the ears will sell as well as Stowell's Evergreen. Pkt. 5c; pint 10c; quart 15c; peck 75c.

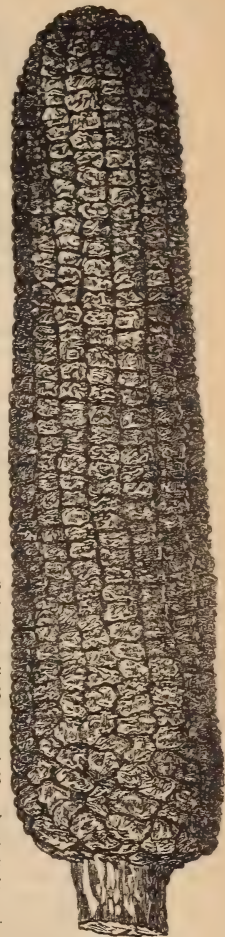
Ohio Red Cob Evergreen Sugar. This variety we consider one of the best for a general crop; coming immediately after the second earliest. It is very productive, has large, well-filled ears, with deep kernels and small cob; is very sweet. Pkt. 5c; pint 10c; quart 15c; peck 80c.

The Hickox Corn. A large-eared variety, very white, tender and sweet. It grows eight, ten and twelve rowed. A great favorite with those who can corn for market. It ripens about a week earlier than Stowell's. The ears are longer and not quite as thick as Stowell's. Highly recommended. Try it. Pkt. 5c; pint 10c; quart 15c; peck 80c.

Black Mexican. A black-grained variety; one of the sweetest of all kinds. Pkt. 5c; pint 10c; quart 15c; peck 80c.

Egyptian, or Washington Market. Ears of a large size, very sweet and of rich flavor. Very productive; used extensively for canning. Pkt. 5c; pint 10c; quart 15c; peck 70c.

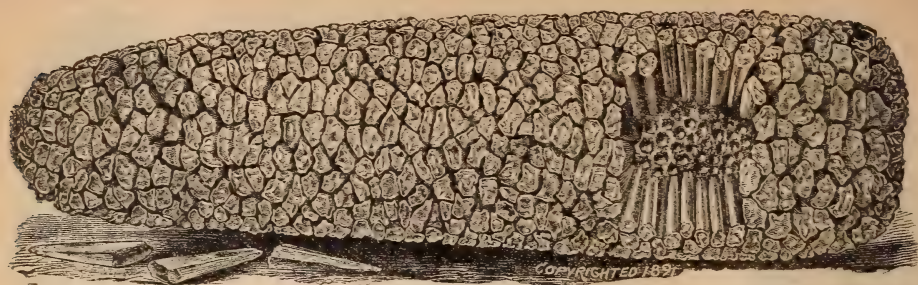
Stowell's Evergreen. Grown more extensively than any other variety, being a great favorite with canners and market gardeners for late use. The ears are of large



OHIO RED COB EVERGREEN CORN.

Clark's None Such Sweet Corn. A variety long needed to fill the want of a large eared second early sort; the ears grow large; the grain of good size pink colored cobs with white grain; quality of the best, being very sweet and tender; grows nearly as high as Evergreen. Many stalks have three and four ears. An immense yielder. It is 12 to fourteen rowed. Comes in use after Moore's Concord, with larger ears. The fodder is of beautiful color, tinted with pink, both on leaves and stalk; is similar to the Livingston's Evergreen Sugar, but an improvement and earlier. This Corn should be tried by all market gardeners and private fami-

IT IS OF GREAT IMPORTANCE to Market Gardeners, also Private Families, to get the Earliest, Sweetest, most Delicious and most Prolific Sweet Corn grown in this country. We are the ONES who can supply you with such, as our Sweet Corn Seed is Connecticut and Northern grown exclusively. We therefore advise you to consider your own interest and send your order to us which will have prompt attention.



COUNTRY GENTLEMAN.

Country Gentleman Sweet Corn. This is one of the finest of all Sweet Corns for private table. The shape of the kernels on the cob indicates high quality. The moment your teeth sink into this luscious, milky, tender Corn, you will become a complete convert to it, for it will delight the most fastidious epicure. Ears are plump, milky, pearly white; kernels fairly melting in your mouth; retaining its delicate flavor and tenderness even when a little old. Medium early, very productive, each stalk yielding three and often four ears. The Country Gentleman is also the most profitable sort for Market Gardeners and dealers. The ears are enclosed in a heavy husk, which tends to keep the ear in the milk for several days longer than other corns. The ears average eight to nine inches in length, a very attractive size for table. The cob is usually small and the pearly white kernels of great depth, of delicious quality and flavor. Don't miss trying it. Price, pkt. 5c; pint 10c; quart 20c; peck \$1.00.

Special prices given on application, to parties wishing larger quantities of Sweet Corn.

SWEET CORN FOR FODDER.

There is nothing better for green food, or for curing for Winter, than Sweet Corn. Cattle highly relish it, and, when fed on it, keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Farmers in this section should raise more Sweet Corn as feed for young hogs, which is sure to give better results than feeding common field corn. Also excellent for soiling. Sow thickly in drills or broadcast, at the rate of two or three bushels per acre. Peck 50c; bushel \$1.50; lower grade \$1.25 and \$1.00.

Special prices given on application, to parties wishing to purchase large quantities of Sweet Corn.

POP CORN.

Silver Laced Pop Corn. Splendid popping qualities, large grain, productive. Pkt. 5c; pint 15c; quart 25c.

Early White Rice Pop Corn. One of the finest, most prolific Pop Corns grown. Pkt. 5c; pint 15c; quart 25c.

Queen's Golden. A new variety, of great excellence; stalks six feet, with three to six large golden ears each. It pops perfectly white and often expands to an inch in diameter; remarkably tender and of a delicious taste. Pkt. 5c; pint 15c; quart 25c.

White Pearl. Smooth-grained ears, 4 to 5 inches long, by $\frac{3}{8}$ to $1\frac{1}{8}$ inches diameter. Pkt. 5c; pint 15c; quart 25c.

If wanted to be sent by mail, add 15c. per quart to prepay postage. Pop Corn in the ear at 5 cents each, postage paid.

Nothing will please the boys better than to supply them with some Pop Corn for seed, and give them a little piece of ground to grow a supply for Winter use. Will they not be more contented to spend their evenings under home influence instead of running the streets or lounging at the corner grocery, often under bad influences. Is also a profitable crop for the boys to sell and buy Christmas presents with. Try it.

CHERVIL.

Curled. A sweet herb, the leaves of which are used for flavoring soups and stews, and for garnishing same as Parsley. Pkt. 5c; oz. 15c; 4 oz. 40c.

CHICORY.

Large-Rooted Magdeburg. Roots of this form the Chicory of commerce. Pkt. 5c; oz. 10c.

CHIVES.

Chives are very hardy and perennial members of the onion family. They are grown exclusively for their tops, which are used wherever the flavor of onion is wanted. Planted in clumps in any garden soil, they grow readily, and increase so as to render a division necessary. The tops appear very early in Spring, and can be cut throughout the season. They should have a place in every garden. Roots, per bunch, 25c., postpaid.

COLLARDS.

True Georgian or Creole. Excellent for greens; quite extensively grown in the South. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c.

CHOICE CUCUMBER SEED.

NORTHERN GROWN FROM CAREFULLY SELECTED SEED STOCKS.

Growers of large quantities of Cucumbers should write us for Special Prices.

One ounce for fifty hills. One to two pounds for an acre.

SLUG SHOT IS DEATH TO THE BUGS.



CULTURE.—For very early sow seeds in hotbeds upon pieces of sod, or in small pots, and they can be readily transplanted, with a gain of about six weeks before they can be sown in the open ground. Plant out in rich soil, when danger of frost is over. For general crop sow in the open ground as soon as the weather is settled and warm, and again every two weeks for a succession. For pickles, sow from the middle of June to the first week in August.

Early Russian. Earliest in cultivation, hardy, prolific, only about three inches long; fine for pickles; unsurpassed for

table use; remarkably solid, with very few seeds, and of best quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Extra Early Frame, or Early Short Green. Although often sold under each name as different varieties, both are one and the same Cucumber. Productive, of vigorous growth, early fruits of medium size, straight and well formed; popular for both table use and pickling. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Early Green Cluster. Fruit small and in clusters; valuable for pickles. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.



IMPROVED EXTRA EARLY WHITE SPINE.

Improved Extra Early White Spine. For both market use and pickling, this variety is now more largely grown than any other, and is very much superior to the old White Spine. Our stock is grown from the true Boston strain. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

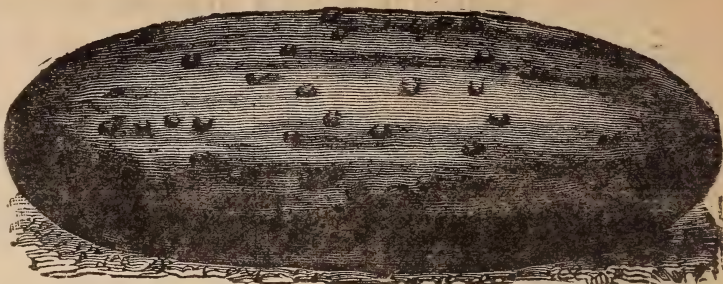


TOLEDO MARKET EVERGREEN WHITE SPINE.

Toledo Market Evergreen White Spine. A new and improved strain of the well known White Spine and fast becoming the favorite with market gardeners, both for forcing and outdoor culture. It differs from the ordinary White Spine in the fact of always remaining of a deep green color in all stages of growth. Altogether it is a most welcome and valuable acquisition for pickling, market or home use, and should be tried by all who have a garden. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

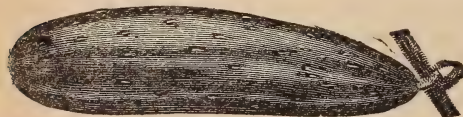
Nichols' Medium Green

Cucumber. This new Cucumber is worthy of the first place among pickle sorts, second to none as a slicer, and very good for early forcing purposes; in color dark green; flesh crisp and tender; productive, medium in size, always straight and smooth; a real, handsome, good variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

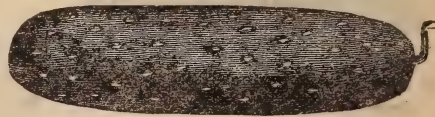


NICHOL'S MEDIUM GREEN CUCUMBER.

Long Green Improved. Long, crisp and a popular and reliable variety for pickles and slicing for table; good for general crop. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.



EXTRA GREEN PROLIFIC PICKLING.



BOSTON OR JERSEY PICKLING.

Extra Green Prolific Pickling. One of the best for pickling; dark green very productive and of uniform small size; very few seeds. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Boston or Jersey Pickling. A favorite eastern sort, of fine quality, medium length; reliable variety for pickling and slicing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Extra Long White Spine or Evergreen. This variety often grows to exceed 12 inches in length. Very smooth, straight and handsome; is quite early, very prolific, of a dark green color in all stages of growth, crisp, tender and free from bitterness. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Small Gherkin. Very small burr; used for pickles. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.

DANDELION.

Improved Large Leaved A very early and healthful Spring salad. Sow early in the Spring, in drills eighteen inches apart, and thin out to six inches in the drills. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

EGG PLANT.

One ounce will produce about one thousand plants.

CULTURE.—Sow early in the hotbed. When plants are three to four inches high transplant two feet apart, in rich, warm, dry soil. Cultivate the same as cabbage.

To Cook.—Cut the slices one-fourth to one-half inch in thickness; pare off rind; put into dish with a layer of salt between the pieces, beginning with a layer of salt in bottom of dish. Let stand three or four hours, then wipe each slice dry with a cloth; fry in a batter of eggs and flour; season to taste, and you have an excellent dish.

New Jersey Improved Large Purple Smooth Stem.

Claimed to be the finest of all Egg Plants. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

New York Improved Large Purple. The best variety in cultivation, being early, a sure cropper, and of fine quality. Fruit very large, oval, deep purple; flesh white and tender. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

GOURD.

The Gourd is a tender annual, and should not be planted till the danger of frost is over, and not less than six feet apart each way, in good rich loam.

Sugar Trough. This variety grows to a very large size, and is valuable when dry for a variety of household purposes, baskets, buckets, etc. Pkt. 5c; oz. 25c.

NEW YORK IMPROVED LARGE PURPLE EGG PLANT.

Dipper. Very useful for many purposes; holding about a quart; with a long handle. Pkt. 5c; oz. 25c.

Nest Egg. Japanese Nest Egg. They resemble a hen's egg in color, shape and size. Pkt. 5c; oz. 25c.

Dish Cloth. Grows two feet in length. The lining and inner portion is sponge-like, tough and elastic, and is used for dish cloths. Pkt. 5c; oz. 25c.

Fine Mixed. A collection of the most ornamental, including all the above. Pkt. 10c; 3 pkts. 25c; oz. 35c.



ENDIVE.—LETTUCE.



WHITE CURLED ENDIVE.

CULTURE.—For an early crop sow in April. For general crop, sow in June or July; cover lightly. When up, thin out to eight inches apart. When the leaves are six or eight inches long, blanch by gathering in the hand and tying together near the top with yarn or bast. This must be done when quite dry, or they will rot. At the approach of Winter, take up carefully, with a ball of earth to each plant, and place close together in frame or cellar for use. They must be kept dry and have plenty of air, or they will rot.

Green Curled. Best for general crop, for early and late use; crisp in quality, hardy. Pkt. 5c; oz. 20c; 4 oz. 40c.

White Moss Curled. Very beautifully curled; for early season, fine flavored. Pkt. 5c; oz. 20c; 4 oz. 50c.

Broad-Leaved Batavia. Has broad, thick, slightly wrinkled leaves, pale green, and good keeper. Pkt. 5c; oz. 20c; 4 oz. 50c.

GARLIC.

Garlic is the most pungent in taste and has the strongest odor of all the onion family. It is esteemed for flavoring soups, stews, sausages, etc.

Large Bulb. Prepare ground and cultivate same as Onions. Per pound, 20c.

Small Sets or Seeds. Will make large bulbs. Per pound, 50c.



DWARF GERMAN CURLED KALE.

KALE OR BORECOLE.

Curled Dwarf Green Scotch. Very dwarf and spreading; best strain. Pkt. 5c; oz. 10c; 4 oz. 30c.

Curled Tall Green Scotch. Hardy; best after frost. Pkt. 5c; oz. 10c; 4 oz. 30c.

German Dwarf Green Curled. Very fine; light green. Pkt. 5c; oz. 10c; 4 oz. 40c.

German Dwarf Brown Curled. Very hardy. Pkt. 3c; oz. 10c; 4 oz. 40c.

KOHL RABI—ABOVE THE GROUND, OR TURNIP ROOTED CABBAGE.

CULTURE.—When young and tender they are fine for table use; when matured they will keep well and are excellent for Winter feeding to stock. For early use sow in hotbed, transplant and cultivate like early cabbage. For Winter use sow the middle of June or first of July, in rows ten inches apart. One ounce of seed for 1,500 plants.

Early White Vienna. Flesh white and tender, excellent forcing variety. Pkt. 5c; oz. 20c; 4 oz. 60c.

Early Purple Vienna. An excellent sort, later than the White. Pkt. 5c; oz. 20c; 4 oz. 60c.

New Smooth White. Very short leaved; extra fine for market and table use, the best Kohl Rabi; very superior; large cropper. Pkt. 5c; oz. 25c; 4 oz. 80c.



KOHL RABI.

LEEK.

One ounce will produce 1,000 plants.

CULTURE.—Sow early in Spring, in drills six inches apart and one inch deep. Thin out to one inch. When about seven inches high, transplant them in rows twelve inches apart, and as deep as possible, but do not cover the young center leaves. Water thoroughly, if dry when planted out. Draw earth up to them as they grow. Very rich soil is required. Take up and store in earth in a cool cellar before winter weather.

Large Improved London Flag. An old standard. Broad leaves; of strong and vigorous growth; hardy. Pkt. 5c; oz. 20c; 4 oz. 50c.

Large Musselburgh, or Scotch Champion. Of enormous size. Leaves broad and tall, spread like a fan; hardy and of excellent quality. We highly recommend this. Pkt. 5c; oz. 20c; 4 oz. 50c.



LARGE FLAG.

WREN, Ohio, March 2, 1895.

THE HENRY PHILIPPS SEED CO.—Received the Package Seed yesterday all O. K. We thought you made a mistake last year in sending more than ordered. Your seed packages contain more seeds than we have been getting of others; shall have to deal with you after this altogether, as your seed packages are the largest and the quality of the seeds the best we have ever bought and received.

M. W. C.

CHOICE LETTUCE.

One ounce of seed for 2,500 plants.

Lettuce, the most used of all salads, is of easy culture, and every gardener and garden spot should have a plentiful supply of Lettuce. With but little trouble, and the proper selection of varieties, it can be had the whole year round, while no other salad is so appetizing or more wholesome.

CULTURE.—To have fine Lettuce, in early Spring, sow in seed-bed from commencement to middle of Autumn. Protect the plants by a cold frame or with litter, as they stand on the ground. Early in the Spring transplant them into rich ground. Or in early Spring sow in hotbeds and transplant. For a later supply sow in drills, from time to time, during Spring and Summer; when up a few inches thin out, leaving plants at proper distances; this is a better plan than transplanting late in the season.



PHILIPPS' EARLY WHITE CABBAGE LETTUCE.

Denver Market. This novelty in Lettuce forms beautiful, large, solid heads, of a delicate light green color; the leaves are blistered like a Savoy Cabbage, most attractive in appearance. It is very tender, of excellent flavor, grows quickly; is good to sow early in the open ground, yet is slow to run to seed. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Philipps' Early White Cabbage or Butter Salad. This is our leading and standard sort: heads large, solid, close and well formed, very tender, crisp and of excellent flavor, and always free from bitterness. Desirable for forcing and for out of doors. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.40.



NEW SILVER BALL LETTUCE,



EARLY HANSON LETTUCE.

New Silver Ball. This Lettuce produces a beautiful head, very firm, solid and compact, with handsomely curled leaves. The head is of an attractive silvery white color, very rich, buttery, of most delicious flavor. Early, and stands a long while before running to seed. An excellent variety, both for early Spring and Summer use. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Early Hanson. Improved hard heading stock. Forming fine, large, solid heads, which are both crisp and tender. They frequently attain two to three pounds each. We regard it as a very valuable variety. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Tennis Ball. (White Seeded.) A favorite forcing variety, forming a hard head; can be planted quite closely under glass. Largely used in hotbeds, forcing pits and greenhouses; very hardy. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Grand Rapids Forcing. Being often disappointed in getting the genuine stock of this grand Lettuce, we, this season, had our seed of this kind grown for us by a highly responsible party here at home, and we recommend same as pure and reliable. Price for this is: Pkt. 5c; oz. 20c; 4 oz. 60c; lb. \$2.00. There is nothing superior, if it has any equal, for growing under glass; it requires less care, will grow more weight in the same space, is not liable to rot, and will keep longer without wilting than any other variety; it is of fine appearance, crisp and tender. Is also valuable for out-door growing. Price for outside grown seed: Pkt. 5c; oz. 15c; 4 oz. 50c; lb. \$1.50.

Big Boston. This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but is *double the size*. It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort. A most desirable variety either for forcing in cold frames or open ground planting. The "Big Boston" is sure to be wanted by market gardener and truckers, because it always produces large, solid salable heads, and it will commend itself to amateurs because it heads up well at all seasons of the year and is of crisp, tender quality. Pkt. 5c; oz. 20c; 4 oz. 50c; lb. \$1.50.

Hardy Green Winter. Very hardy, and forms a solid head. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

California Cream Butter Lettuce. This forms round, solid heads of good size. The outer leaves are green, marked with small, brown spots; the inner portion is a rich cream yellow and of a rich, buttery flavor. Is medium early, an excellent Summer Lettuce, slow to go to seed. Pkt. 5c; 4 oz. 50c; lb. \$1.50.

Early Curled Silesian. A cutting variety; earliest for out-door planting. Does not head; affords good flavored salad long before the cabbage varieties have commenced to head. Color almost golden.

Early White-Seeded Curled Simpson. This variety does not head, but forms a compact, close mass of leaves; for forcing and early out-door sowing. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Black-Seeded Simpson. Like the Curled Simpson, this variety does not properly form a head, but it is lighter in color, the leaves nearly attaining double the size of the Curled Simpson; it is well suited for forcing, and it is one of the best for market gardeners. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Boston Market. This is an improved variety of the Tennis Ball, and attains a large size. It grows very compact, is white and crisp; one of the best varieties for forcing or out-door growing. Try it. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

New Salamander. For Summer use; forming good sized compact heads; color light green outside, white on inside; withstands heat. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Prize Head or Early Brown Cabbage. Bronzed, curled. New sort. A half cabbage variety of bronze-edged leaves; a beauty. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

All-the-Year-Round. Adapted for growing any season of the year; heads medium size, very hard, crisp, compact; of good quality. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

New York. A very large green Lettuce with solid heads, often weighing three to four pounds each. Not suited for forcing, but excellent for Summer use, being slow to shoot to seed. Pkt. 5c; oz. 15c; 4 oz. 50c; lb. \$1.50.



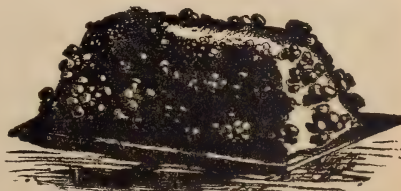
CALIFORNIA CREAM BUTTER LETTUCE.

MUSHROOM SPAWN.

CULTURE.—Mushrooms can be grown in a dry cellar, under the benches of a greenhouse, or in sheds where the temperature can be kept from 50 to 60 degrees through the Winter.

English Spawn, 15c per lb.; 12 lbs. for \$1.50.

French Mushroom Spawn, in boxes containing two pounds each, price \$1.00 per box by mail, or 75c per box by express, at expense of purchaser. Full directions for growing and cooking mushrooms, with each order, when desired.



MUSHROOM SPAWN.

NASTURTIUM, OR INDIAN CRESS.

CULTURE.—Sow, as soon as all danger of frost is past, in drills about an inch deep. The tall kinds require fences or poles on which to climb for support. If left to trail upon the ground the fruit is apt to be injured. The seeds are used in flavoring pickles, or as a substitute for Capers. The flowers are also very ornamental.

Dwarf Mixed; all colors. Tall Mixed all colors. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

MELON—MUSK OR CANTALOUPE.

WITHOUT EXCEPTION THE BEST IN THE LAND.

One ounce of Seed for sixty hills; 2 to 3 lbs. for an acre.



NEW EXTRA EARLY HACKENSACK.

Extra Early Citron Nutmeg. First in the market, the largest of the very early. A decided acquisition among the Cantaloupes. Ten days earlier than any other, fair size and of fine flavor. A variety which for its early maturity will be found profitable by all market gardeners, also in the private garden till others come into condition. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Improved Green Nutmeg, or Chicago Market. A superior market variety, developed by Mr. A. Colvin, a well-known Chicago gardener. It is the most popular green-fleshed Nutmeg in Chicago and other western markets, and is steadily growing in favor in the East. It comes quite early for such a good-sized melon. Very uniform in size, deep green, flesh of excellent quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c; 5 lbs. and over 60c. per lb.

Hackensack or Turk's Cap. Without doubt the best general crop Melon. It is round, well netted, similar to the Early Hackensack, but of larger size; flesh green and thick, delicious flavor, beautiful in appearance. Very popular the country over. Our stock of this cannot be excelled. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.



TOLEDO EARLY MARKET.

very thick green flesh. We managed to purchase some of the true seed of this grand Melon and offer it at a moderate price. As our supply is not large, we advise our friends to favor us with their order at as early a date as possible. *Postpaid*, pkt. 5c; oz. 10c; 4 oz. 25c; lb. 80c.

CULTURE.—Select a light, sandy, rich soil, and after all danger of frost is over and the ground has become warm and dry, plant in hills from four to six feet apart each way, six to twelve seeds to the hill. When up and all danger of insects is past, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even dry road dust, is excellent to sift over the young plants when the dew is on, to prevent the attacks of insects. A few hills for early fruit may be had by sowing in hotbed on pieces of sod or in pots. The seeds may also be started out of doors, under hand frames or glasses.

Extra Early Hackensack. This valuable variety is ready for market fully ten days ahead of the well-known Hackensack, which it much resembles in shape and quality. The Melons are of good size, weighing from five to ten pounds each; excellent for market and private garden. Pkt. 5c; oz. 10c 4 oz. 20c; lb. 65c.



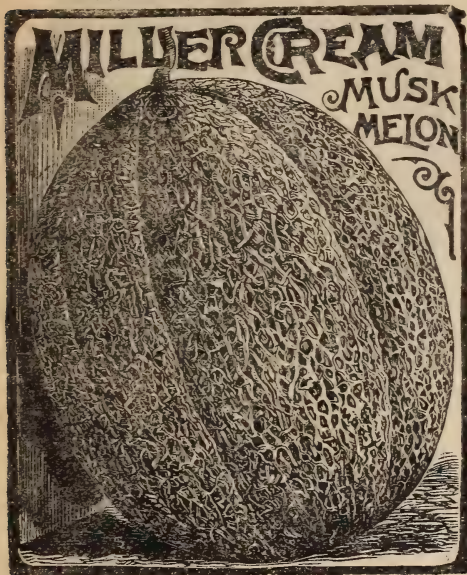
IMPROVED GREEN NUTMEG, OR CHICAGO MARKET.

Montreal Market. Excellent variety of the largest size. We have had them weighing over 20 pounds. In shape almost round, flattened at ends, deeply ribbed; skin green and netted, flesh green. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Toledo Early Market. This fine Melon has been in our market for many years, cultivated and sold by our market gardeners of long experience, especially successful as Melon growers, in which no little skill is required, as market men well know. The seed was successfully controlled by a few gardeners, for the reason that they could market them two weeks earlier than others and at higher prices. They have sold this Melon as high as \$3.00 per dozen to our markets and commission houses. Is a type of the well-known Chicago Market Musk Melon, equal to it in quality, which we hold to be of the *very sweetest*, but *much larger* and very productive.

It is decidedly ribbed, extra well netted, with

Netted Beauty Musk Melon. This new variety of recent introduction has met with large sale. Its great earliness, distinct handsome appearance and productiveness, has made it a favorite with all who gave it a trial. The whole crop averaged the past two seasons over ten Melons to a vine on good ground. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

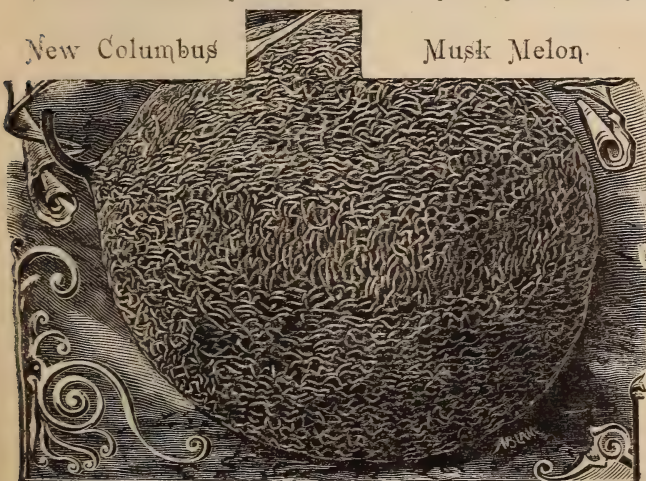


The Princess Nearly round in shape, with heavily netted dark green skin; flesh of a rich salmon color, and thicker than in any other Melon, very sweet and luscious in flavor; ripens early and grows to a good size. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Miller's Cream. Ranks high as a market Melon, either for home or shipping. The flesh is of rich salmon color, very sweet and melting, and is so thick that the Melon is almost solid, the seed cavity being remarkably small. A strong grower and very productive, and covers the ground with beautiful, solid fruit. This Melon is undoubtedly one of the finest, best flavored and most profitable for market or private garden. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

New Columbus

Musk Melon.



New Columbus Musk Melon.

This distinct, attractive, peculiar netted, handsome Melon, has proved to be one of the finest ever cultivated; it is a green fleshed, general crop variety, ripens with Hackensack, and very heavy yielder; the flesh is very solid, thick, never bursts open at either end and the best Melon for shipping. We highly recommend it. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.

Baltimore Nutmeg Cantaloupe. A Melon of high repute in Philadelphia and Baltimore. Is showy, pointed at both ends, strongly netted, green fleshed, fine flavored, productive and a good shipper. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Long Yellow Cantaloupe. Yellow flesh. Very fine. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Emerald Gem Medium size, nearly round; flesh a delicate light salmon color, very thick, fine grained and of most excellent flavor. The rind is thin, dark green, ribbed, but not netted, very early and one of the best for home use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

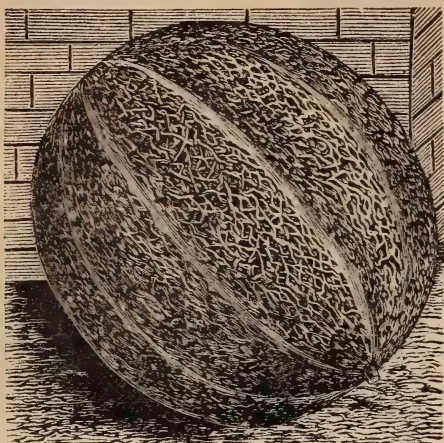
Philipps' New Giant. This new and distinct variety is the largest variety of Musk Melon in the world, absolutely pure. Flesh very thick, fine grained and salmon tinted. Give it a trial. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

Musk Melon Seed in mixed lots of 5 pounds, 15 cents per lb. less.

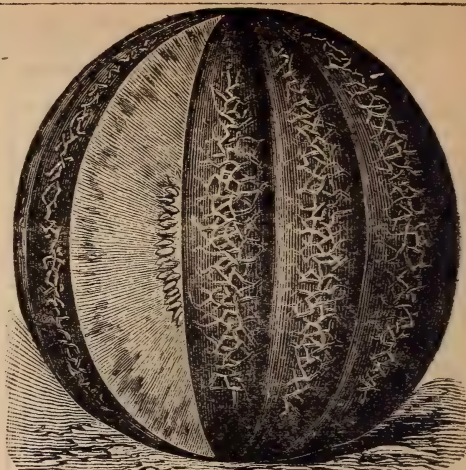
THE HENRY PHILIPPS SEED CO.

COULSON, PA., January 23, 1895.

Gentlemen:—Having gotten our seed from you last year and found it to be A No 1, I will be much obliged if you will send by return mail a Catalogue of Seeds. Yours truly, F. C.



CHAMPION MARKET MUSK MELON.



OSAGE MUSK MELON.

Champion Market. Almost a perfect globe in shape, and densely netted, making one of the handsomest Melons known. Very uniform in size and shape (4 to 6 lbs.). The flesh is thick, green in color and of rich, sweet flavor; very productive, frequently bearing seven perfect Melons on a single vine, which mature quite early, and ripen up finely. An excellent shipper. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.

Osage. A leading favorite yellow-fleshed variety. It is large, oval, slightly ribbed and netted; skin very dark green; flesh a deep, rich salmon, sweet, highly flavored and delicious to the rind; it is very seldom that one of poor quality is found. The whole crop is very even and extra heavy owing to the thickness of the meat. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

WATER MELON.

THE BEST FRUIT THAT GROWS.

One ounce will plant about 50 hills, and four pounds will plant an acre.

CULTURE.—Treat the same as Musk Melon, except that they should be planted eight or ten feet apart, according to variety.

Kolb Gem. Extra Northern grown. Large; bright red flesh, of fine quality and a good shipper. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Peerless Improved Of medium size, thin rind, light mottled green; flesh bright scarlet, solid to center, crisp, melting, and sweet as honey. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Improved Ice Cream True. (White Seed). Rind light green, flesh scarlet, solid and delicious, enormously productive, of unexcelled quality. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Phinney. Extra early market. The first to ripen and of fine quality, red flesh. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Black Spanish. Large, roundish, nearly black; dark red flesh; early. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Cuban Queen. Selected. This magnificent and distinct Melon is certainly one of the largest and finest varieties ever introduced. Try it. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

The Boss. The most delicious. A new, handsome, early, oblong variety, of nearly the same thickness throughout; skin very dark, flesh deep scarlet, sugary, melting and of excellent flavor. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Improved Mountain Sweet. Oblong; dark green, rind thin, flesh red, solid, sweet. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.



CUBAN QUEEN.



Improved Long Dixie. Selected. A new Water Melon of excellent merits and recommended as the best shipping Melon grown, being larger, earlier and more productive than the Kolb Gem, which has heretofore been considered the best Melon for shipping. It is of very fine appearance, a darker green than the Kolb, more beautifully striped. Longer and extremely hardy; its eating quality is unexcelled. We have the genuine stock. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Improved Long Light Icing, or Ice-riding. Form long; rind light green in color. A good cropper, very desirable in quality. The favorite Water Melon among market gardeners. A grand variety, superior to the Round Icing, doing well on light soils. Highly recommended. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Our Christmas Water Melon. The most desirable and greatest keeper, and most valuable, new and distinct Water Melon. Will keep, for both a Christmas and New Year's dinner, as fresh and delicious as the day they were picked. Flesh a beautiful rich scarlet, very solid and of luscious sugary flavor. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Mammoth Ironclad. This variety grows uniformly to a larger size than any other, producing under ordinary cultivation, Melons forty to sixty pounds in weight; for shipping is one of the best. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Fordhook Early. New, of late introduction; an extra early sort of large size, averaging in weight 35 lbs., excellent quality. Don't fail to try same. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Preserving Citron. Red Seed. Used in making sweetmeats and preserves; flesh solid white. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Colorado Preserving Citron. Larger than the common, weighing 25 to 40 lbs., flesh very solid, and makes very clear, transparent preserves of fine flavor. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.
Lots of five pounds and upwards ten cents per pound less.

OUR PEDIGREE DOUBLE TESTED ONION SEED.

Write for Special Prices on 5 lbs. or over, naming the varieties you want. We offer special inducements to those wanting a Seed Drill or Cultivator, with seed enough to sow an acre. We are headquarters for Onion Sets, and will sell you first-class Sets at the very lowest price.

GOOD ONION SEED IS OF THE UTMOST IMPORTANCE. Fully realizing this, we have for some years made a SPECIALTY OF ONION SEED, and have all our crops raised under special contract, subject to careful supervision. Our Onion Seed all grown from choice selected bulbs, critically examined before being set out for seed. In quality it is vastly superior to much that is put upon the market, often grown by persons either too inexperienced or too careless to select fine, well-shaped bulbs. In vitality it is very strong, being carefully tested. The very rapid increase in our Onion Seed trade, particularly among market gardeners, many of whom order twenty-five and more pounds of seed, is the very best evidence that our Onion Seed is UNEXCELLED IN QUALITY.

Our new crop of Onion Seed of 1895 is NERY HEAVY and of perfect germinating power. Onions have sold well the past season and good seed will be in large demand; we have placed our prices as low as possible for best quality seed. We are sure that no reliable seedsman can sell Onion Seed of equally as good quality for less money.

The crop of 1895 was a fair one, with the exception of the Large Red Wethersfield, which is not over one-half of an average; this causes an advance in price for this variety.

CULTURE.—One ounce to 100 feet of drill, four to five pounds to the acre. The Onion thrives in a rather deep, rich, loamy soil, and unlike most vegetables, succeeds well when cultivated on the same ground for successive years. As early in the Spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly; sow thinly in drills about a quarter of an inch deep and a foot apart, cover with fine soil, and press down with the back of a spade or a light roller. If grown to make large Onions, thin plants gradually, so that they stand two or three inches apart. Keep the ground free from weeds by frequently hoeing, taking care not to stir the soil too deeply.

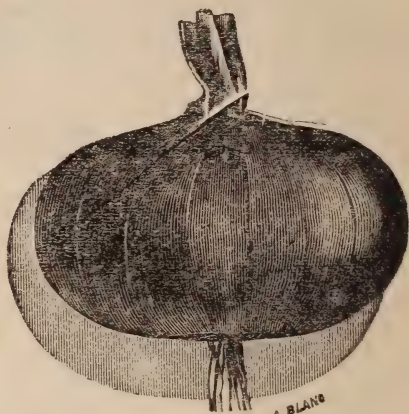
You can grow full sized Onions the first year from our black seed; for this purpose four to five pounds of seed per acre are required. To raise sample sets, forty to fifty pounds of seeds are required per acre, and for this purpose the best varieties are the Yellow Danvers, Yellow Strasburg, Early Red and White Silverskin.

AMERICAN TESTED VARIETIES.



LARGE RED WETHERSFIELD.

Large Red Wethersfield. The most profitable Red Onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having been frequently harvested upon a single acre from seed sown in the Spring. It grows to good size, single Onions often weighing from one to two pounds apiece. In short, it is the best Red main crop Onion for everybody. Our strain is unsurpassed, the seed we offer having been saved from the largest Onions of perfect shape and deepest color. Best American grown seed is scarce this year. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 15c; 4 oz. 45c; lb. \$1.30.



EARLY FLAT YELLOW DANVERS.

Southport Large White Globe. Large strain of globe shape, white skin, a good keeper, commands the highest market price. Paper 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.50. Southport Yellow and White Globe are the two grandest Onions.

White Portugal, or Silver Skin. Very desirable for family use, a good keeper, flavor mild and pleasant, skin silvery white; of handsome appearance; highly esteemed for pickling when young, also for market in early winter. This is the variety of which White Onion Sets are grown. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.40.

American Extra Early Pearl. This is among the earliest, if not the earliest, of White Onions. Keeps well. Of a fine, showy, waxy appearance; the flesh is snow white; flavor mild and pleasant; grows 5 to 6 inches in diameter the first year from seed. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.



WHITE PORTUGAL, OR SILVER SKIN ONION.



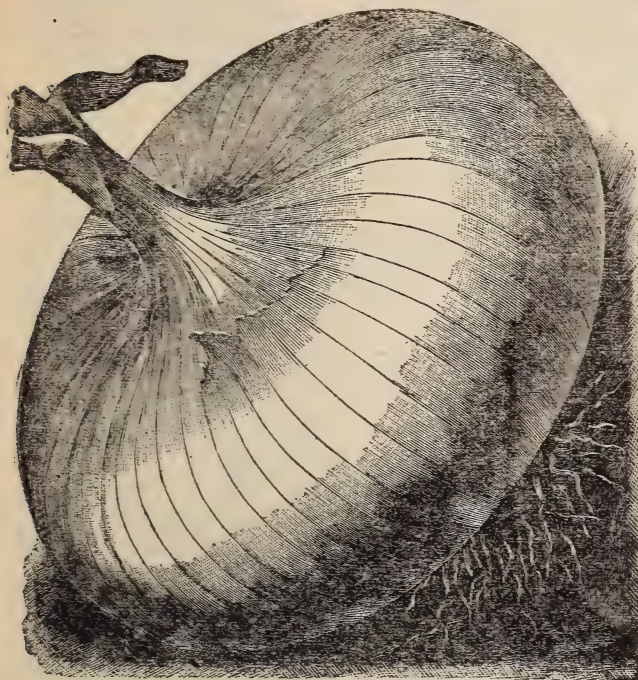
AMERICAN EXTRA EARLY PEARL.

Extra Early Red. Smaller than Red Wethersfield, and about ten days earlier; color beautiful deep red. Give it a trial. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Early Large Red Globe. This is a very handsome variety, and is deserving of general cultivation. It matures early, grows to a large size, skin deep red; flesh fine grained, mild and tender. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 15c; 4 oz. 45c; lb. \$1.25.

Early Flat Yellow Danvers. Differing from the Globe strain only in shape, being more flat. A splendid Onion for the market or home use, sells readily in the market. Very productive. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 15c; 4 oz. 40c; lb. \$1.20.

Yellow Dutch or Strasburg. One of the oldest varieties, a good keeper; used largely for growing sets as well as for market. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 15c; 4 oz. 40c; lb. \$1.20.



MAMMOTH SILVER KING ONION.

en color, very productive; a first-rate keeper and shipper, the best and most profitable market sort. Our seed cannot fail to please.

Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 15c; 4 oz. 45c; lb. \$1.30.

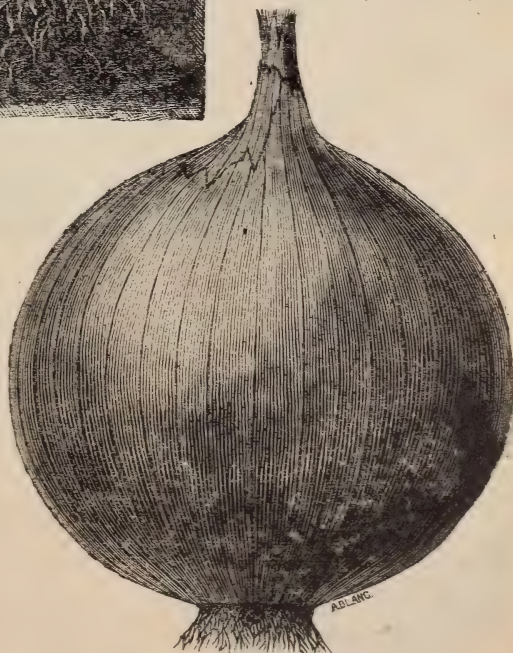
Our Northern Ohio Yellow Globe Onion

Fancy selected stock. Generally admitted by Onion growers everywhere to be the most desirable strain and perfect type of globe-shaped Onion in existence. We name it Northern Ohio Globe, to distinguish it from the many strains of Globe Danvers now offered. It represents the product of years of careful selection and cultivation, this, the finest strain of that popular type of the Yellow Globe Danvers Onion, which intelligent painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productivity. Its main points of excellence are distinct and attractive shape, handsome, bright, even color; it ripens early and all at once. The necks are very small and cure down to almost nothing. The firm, solid bulbs are excellent Winter keepers, and all that can be desired in size and quality, enormous yields, 800 bushels (standard weight) per acre are frequently grown on rich onion land. This is a superb onion for all classes of soil (when well enriched) and especially good for marsh lands on account of its quick maturing qualities. Try this big money maker. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Mammoth Silver King Onion.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference and often weighing 2 $\frac{1}{2}$ to 4 pounds each. It matures early and is of uniformly large size and fine shape, being flattened, but thick. The skin is of a beautiful silver-white, flesh snowy-white and tender, of a mild sweet flavor. We know of no variety of this vegetable that has attracted so much attention as this. Its striking size and handsome appearance, as well as mild flavor, recommend it for exhibition at fairs, for the fancy market as well as the home table. Pkt. 5c; oz. 20c; 2 oz. 35c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

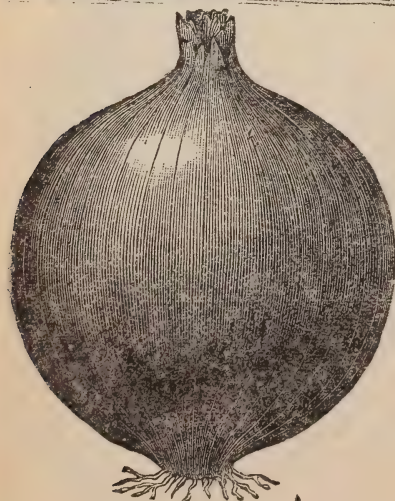
Yellow Globe Danvers. Extra selected. Extensively grown as a main crop; true globe-shaped variety, beautiful gold-



NORTHERN OHIO YELLOW GLOBE ONION.

Large White Globe Onion. Extra selected. A large globe-shaped Onion, similar to Yellow Globe, firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, beautiful shape, clear white skin; it commands the highest price. Paper 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.50.

MAMMOTH PRIZE TAKER



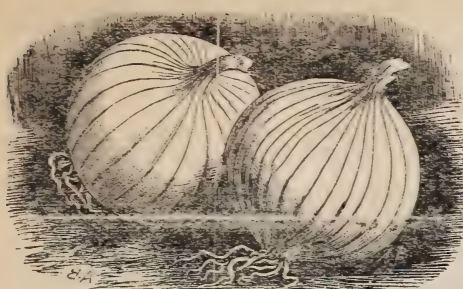
SOUTHPORT LARGE YELLOW GLOBE.

The Prizetaker Genuine American grown. The handsomest, largest Yellow Globe Onion. A new variety introduced but a few years ago, which has proved to be an excellent keeper, of fine flavor, handsome shape and enormous size, many single Onions having been raised to weigh 5 lbs. and over, from seed the first year. It is of the same type as those immense imported Onions which can be seen in fruit stores and always command a very high price. The Prizetaker grows always to a perfect globe shape, with a bright straw-colored skin; the necks are very small and the Onions always ripen up hard. Paper 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Southport Large Yellow Globe. Beautiful in shape and size, maturing a few days later than the Red Wethersfield. It is a splendid keeper and in quality is superior to most other varieties. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.30.

SPECIAL PRICES FOR CLUB ORDERS.

The 1895 crop of Onion Seed was not an over large one, especially of the Red Wethersfield, and prices quoted by us are very reasonable, in fact lower than in former years, but we will send our friends, as long as our supply holds out, ten (10) pounds of the following celebrated varieties either of Extra Early Red, Early Yellow Danvers, Philipps' Red Wethersfield, Yellow Globe Danvers, Yellow Dutch or Strasburg, Large Red Globe, to any post-office or express office in the U. S. for \$10.00, with the privilege of making up the entire order of 10 lbs. with one variety, or in orders of 1 or more pounds each.



ADRIATIC BARLETTA.

Adriatic Barletta. A very early, small, pure white variety, having a very delicate silver skin, flesh firm and mild in flavor. Its great merit is its extreme earliness. For pickling purposes it is unexcelled. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Early Paris Silver White. One of the earliest varieties; small, white and beautiful; valuable for an early bunch Onion, also much used as a pickling variety; popular with the Paris market men. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

White Queen. Remarkable for its extreme earliness and very mild flavor; it is small and white skinned; much liked for pickling. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.65.



EARLY PARIS SILVER WHITE.



New Giant Rocca. Light red. These Onions are of large size, handsome appearance, and mild, delicate flavor, of beautiful round form, as illustrated, the outer skin bright red, while the flesh is white, mild and pleasant. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

Red Mammoth Tripoli. Similar in size and shape to the Giant White Tripoli. Skin thin and of rich blood-red color; flesh white, fine grained, mild and pleasant; of quick growth, immense size. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.65.

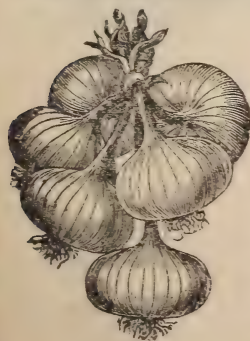
The 1895 crop of Onion Seed was a short one, East and West, especially the Red Wethersfield. The low prices will probably advance. We advise all to send in their orders early.

Market Gardeners and Onion Growers who use large quantities of Onion Seed, will please write for Special Prices. We will sell as low as first-class Onion Seed can be sold by any reliable seed house in this country.

PHILIPPS' NORTHERN GROWN WETHERSFIELD ONION SEED.

There are many strains of this justly celebrated Onion offered, but none that can surpass Philipps' famous stock of this popular variety. Growing to large size, 1 to 2 pound Onions from seed the first year are frequent occurrences. Customers going into growing Onions should remember that our reliable Onion Seed is only grown from carefully hand sorted and selected bulbs, is always of high germinating quality and of unusual vigor of growth, by reason of its superlative vitality. Our Onion Seed now has a reputation in almost every prominent Onion growing district and is unsurpassed by any other house in the trade. Our prices are, indeed, very reasonable.

Northern Ohio and Pennsylvania Grown White, Yellow and Red Onion Sets.



ONION SETS.

CULTURE.—They should be planted out as early in Spring as the ground is dry enough to work. Bottom Sets are produced by sowing the Seed as early as the ground can be worked in Spring, very thickly, in beds or drills, at the rate of 50 lbs. per acre. One quart of Sets to 30 feet of drill; 8 to 12 bushels, depending on size, to set an acre in drills. Express or freight charges to be paid by the purchaser. On account of the early publication of this Catalogue, we cannot guarantee prices given, but to avoid unnecessary delay and writing, we will fill orders sent, and will give as many as the money sent will pay for.

	Quart.	Peck.	Bush.
Yellow Onion Seed or Bottom Sets	10	75	\$2 50
White Onion Seed or Bottom Sets	15	1 00	3 50
Red Onion Seed or Bottom Sets	10	65	2 25
Yellow Top or Button Sets	15	1 00	4 00
Yellow Potato Onions	10	85	3 00
Shallots or Yellow Multipliers	10	75	2 50
White Multiplier	15	1 00	3 50
Egyptian or Perennial Tree Onion Sets	10	50	1 50



SHALLOTS OR YELLOW MULTIPLIERS.



WHITE MULTIPLIERS.

♣ We are headquarters for Onion Sets, and sell cheap by the peck, bushel or barrel. We will quote special prices on large lots.



If Onion Sets are wanted to be sent by mail, 10 cents per quart or pound must be added to prepay postage.

Prices subject to change according to the market fluctuations. Lowest market prices, on small or large quantities, will be given on application at any time. Prices given now are made nominal; they may be lower or higher.

♣ Bottom Sets and Potato Onions are sold by measure. White Multipliers, Button and Egyptian, by weight, 25 pounds for a bushel.

TOP SETS OR BUTTONS—"TOPPYS"—These produce the small clusters on the top of the stem, where seed is produced in the common kinds. These small ones are planted in the Spring and the result is large Onions, and these large ones, with one year's growth, produce the clusters on the top.

WINTER, OR EGYPTIAN TREE—When once set out it grows for years without any protection or care, except in keeping down the weeds. It starts so early in the Spring that it is ready for use a long time before any other Onions can be had. It is mild-flavored, sweet and tender. They form no large bulbs, but divide and grow as many as 15 or 20 small Onions in one bunch. Desirable for family use, and very early and profitable for market gardeners.

WHITE MULTIPLYERS—Are of a pure silvery-white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted; of excellent quality and size for bunching green, or can be ripened for use as pickling onions. Their keeping qualities are remarkable, but their most important quality is their extreme earliness, being ready for market from three to four weeks ahead of other onion sets.

YELLOW POTATO SETS—They produce large dry ripe Onions early, and esteemed by many as the best for early use; are large size, mild, sweet flavor, very early.

OKRA, OR GUMBO.

CULTURE.—Select rich soil and plant when ground becomes warm. The pods are used to thicken soup, being gathered when young. Dwarf Prolific. Of dwarf habit and an abundant bearer; the best sort in use; with long green slender pods. Pkt. 5c; oz. 10c; ¼ lb. 30c.

PARSLEY.

Extra Double Curled.

A curled variety for garnishing. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c.

Champion Moss Curled.

Leaves crimped and curled like a bed of moss, giving a most beautiful decorative appearance. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Plain or Single. Dark

green with plain leaves; very hardy. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c.

Hamburg or Turnip-Rooted. A very popular variety in Europe.

Fine, fleshy vegetable roots, which are used in soups, etc. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c.



MOSS CURLED PARSLEY

PARSNIPS.

Sow as early in Spring as weather will admit. Cultivate similar to carrots.

Long Smooth White. No side roots; tender and excellently flavored. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 40c.

Large Improved Sugar or Hollow Crown. The best variety in cultivation; roots long, white, smooth, tender, sugary, excellent flavor. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

EXTRA EARLY MARKET-GARDEN PEAS.

PHILIPPS' EXTRA EARLY SUMMIT PEA.

The Earliest, Evenest Cropper, the Hardest, Finest Flavored and Most Productive.



CONFIDENCE WELL PLACED.

Philipps' Extra Early Summit Pea. Most profitable Pea for Market Gardeners to grow. This Extra Early Summit Pea is a careful selection of our own and will be found *entirely distinct and superior* to any other. In the neck-and-neck race for the production of first-class Peas (each seedman naturally endeavoring to have the earliest), we claim that "The Summit," we six years since introduced and for us specially grown, is the *earliest, best and most productive* white round pea grown, *none as early*, maturing all the pods in about forty-five days; height about two feet, and ninety-five per cent. of the gathering in one picking. Also for a late Fall crop it is unsurpassed, growing with great rapidity. The very best for market-garden use, and we confidently recommend it to be grown in every garden for the *earliest crop*. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25; bushel \$4.50.

Maud S. Another extra early variety, claimed by many seedmen as one of the earliest Peas in the world. One of the most productive. The above strong claims for the Maud S. are fully sustained by the numerous letters of praise we receive from our customers who have planted it for the last four years and found it to be one of the earliest Peas grown. It is of vigorous habit of growth, vines about 30 inches high, and wonderfully productive, the pods being numerous and well filled. Its uniformity of ripening makes it the most profitable Pea for the Market Gardener. Our stock has as before been grown by the originator in northern Canada, hand picked, and we recommend it to our most critical growers for market and home garden. Pkt. 5c; pint 15c; quart 25c; peck \$1.25; bushel \$4.25.

The A A A, Allan's Extra Early Sunol Peas. This is claimed to be the earliest of all the early varieties of Peas now known. Same as the celebrated "Sunol" horse, fastest time on record. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25; bushel \$4.25.

Allan's Extra Early Dexter Peas. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

Both of these new varieties have recently been introduced by Mr. Allan, Canada, the great Pea grower, and do not hesitate to recommend them confidently as the most valuable acquisition, and appropriately named as to earliness, yield and regularity of growth; very valuable for the market and private garden; height 20 inches and don't need any brushing.

Rural New Yorker. This well known standard variety of extra early Pea is still the favorite of many for market and private garden. Seed white, slightly dented; of vigorous habit. Pods of fine shape, contain from six to nine peas of fine quality; prolific, extra early, uniform in growth and ripening; height 24 inches. Pkt. 5c; pint 15c; quart 25c; peck \$1.25; bushel \$4.25.

Extra Early Alaska. This beautiful blue market Pea has become a standard variety and the earliest of all blue peas. The vines are dwarf, growing only about twenty inches high; very uniform, maturing the crop for one picking; of excellent quality, fine flavor, sweet, and retains its desirable color after cooking; excellent for canning and for the market or private garden. Pkt. 10c; pint 15c; quart 25c; peck \$1.25; bushel \$4.25.



CARTER'S EXTRA EARLY PREMIUM GEM.

Landreth's Extra Early Pea. (None genuine unless in red-sealed bags, or in our packages). Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

Blue Peter. Tom Thumb variety. Seed blue; height 12 inches; similar to Tom Thumb, except in color. Pods large and well filled with delicious and large size peas. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

Bliss' American Wonder. The earliest of the wrinkled peas, and best for family use. Very dwarf, 9 inches high and remarkably productive, well filled pods, flavor unsurpassed. We heartily recommend this valuable pea. Pkt. 10c; pint 20c; quart 35c; peck \$1.60.

Carter's Extra Early Premium Gem. Pods long and of a dark green color. A type of and improvement on the Little Gem. Very early and productive. Height, 15 inches. Highly recommended. Try it. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.30.

McLean's Little Gem. Seed green, wrinkled. Height, 15 inches. Second early. Very prolific and excellent flavor. Especially recommended for family garden. Pkt. 5c; pint 15c; quart 25c; peck \$1.30.

McLean's Advancer. A fine market variety, prolific. Early, tender and of delicious flavor. Long pods, well filled to end. Height, 2 $\frac{1}{2}$ feet. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

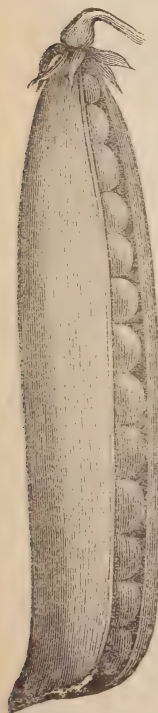
Bliss' Early Abundance. A green wrinkled variety, maturing in fifty-five days after sprouting. Eighteen inches high, foliage strong and dark. Pods borne at extremity of vine. A very distinct sort. Don't fail to give them a trial. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

Yorkshire Hero Large well known wrinkled pea, of branching habit, an abundant cropper and excellent quality. Height 2 $\frac{1}{2}$ feet. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

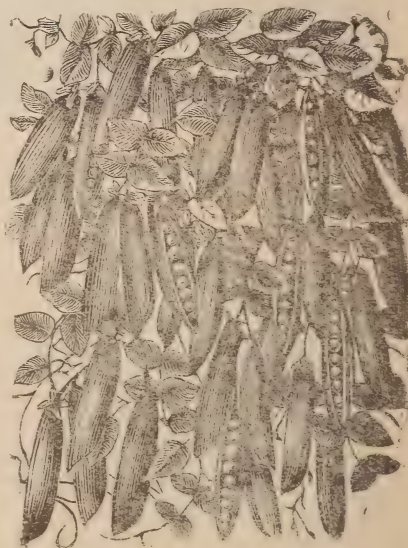
Bliss' Ever-Bearing The great value of this variety is found in its long continued bearing. Pods 3 to 4 inches long, well filled. Peas very large, half an inch or over in diameter. Unsurpassed in sweetness and flavor. Two feet high. Try it. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.10.

Champion of England, A variety possessing merit of high order, wrinkled and very sugary; requires sticking. Ripens for table in seventy days from germination. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.00.

Pride of the Market. Is a strong growing Pea, two feet high, wonderfully productive. The pods are also of large size and handsome appearance, and the peas are of splendid quality. Similar to Stratagem and Telephone. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 30c; peck \$1.60.



PRIDE OF THE MARKET.



BLISS' EVER-BEARING.

EDIBLE PODDED OR MELTING SUGAR SORTS.

Tall and Dwarf Sugar. Edible pods. About 2 feet in height, very sweet and tender. Only to be eaten with pods. Peck \$1.50; quart 25c; pint 15c; $\frac{1}{2}$ pint 10c; pkt. 5c.

Dwarf Grey Sugar. Edible pods. Grows about 2 feet high, and is remarkable for its earliness as well as its character. The seeds are large, shriveled and of a dark brown color. The pods are broad, flat and crooked, and contain five or six peas. Peck \$1.50; quart 25c; pint 15c; $\frac{1}{2}$ pint 10c; pkt. 5c.

RHUBARB.—(PIE-PLANT.)

One ounce will produce about 1,000 plants.

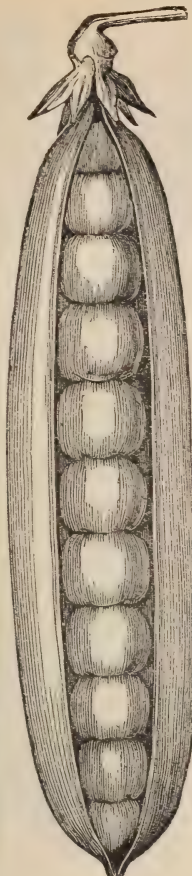
Mammoth Victoria. An excellent cooking variety. Paper 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

RHUBARB ROOTS.—Each, 20c; doz., \$1.50; 100, \$5.00. By mail, postpaid, 30c. each, or \$2.50 per dozen.

Special prices as to sizes, quality and quantities on application.



TELEPHONE.



THE HEROINE.

Carter's Telephone. Season midway between First in Market and White Marrowfat. Green wrinkled; height $3\frac{1}{2}$ feet; enormously productive: pods unusually large, elegant shape, and well filled with peas of large size and good quality. Average 18 pods to the stalk. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.50.

The Heroine. This is one of the mammoth-podded English-bred varieties, of elegant habit of growth, luxuriant foliage, pods remarkably handsome, slightly curved, well filled with large luscious peas of fine flavor, a gem of the first water. It is similar to Pride of the Market, but far superior to the variety in habit as it is remarkably true and fixed in its habits of growth. This is one of the grandest peas on the entire list, is now offered at a price that places it within the reach of all. It should be in every garden. Height, 2 feet; seed green and very much wrinkled. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 35c; peck \$1.50.

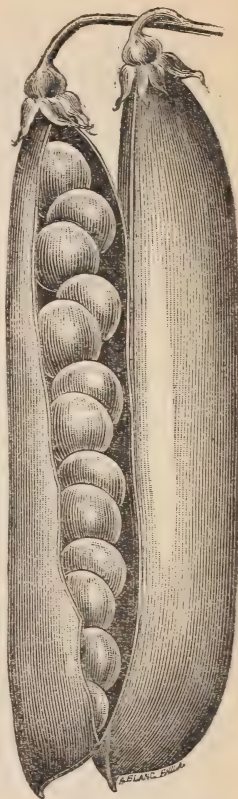
Shropshire Hero. A prime new Pea pronounced by all market gardeners who have tested it, the most valuable acquisition in new peas made in recent years. It is a second early large wrinkled pea, a robust grower like Stratagem, 2 to 3 feet in height, producing its large pods in abundance. The pods are larger and better filled than such fine sorts as Telephone and others of its class, averages seven and often contains eight and ten fine large peas of exquisite flavor. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 30c; peck \$1.50.

The Admiral. A recent introduction of great promise. The heaviest cropping early Pea extant. This wrinkled variety grows to a height of from 3 to $3\frac{1}{2}$ feet. The pods are borne in great profusion from top to bottom of the vine and are well packed with large peas of very sweet flavor. Cream colored, wrinkled. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

Dwarf White Marrowfat A sturdy variety, prolific and of good quality; vines 30 inches high; foliage strong and dark; maturing about 70 days after germination. $\frac{1}{2}$ pint 5c; pint 10c; quart 15c; peck 65c.

Black-eyed Marrowfat. This is extensively grown as a garden and field Pea; very productive; height about $3\frac{1}{2}$ feet, with large and well filled pods; a popular market variety. Pkt. 5c; pint 10c; quart 15c; peck 60c.

White Marrowfat. Tall. A favorite variety for market, canning and field cultivation; very large broad pods, well filled; height, four feet. Pkt. 5c; $\frac{1}{2}$ pint 10c; quart 15c; peck 60c.



SHROPSHIRE HERO.

CANADA AND NORTHERN GROWN FIELD PEAS.

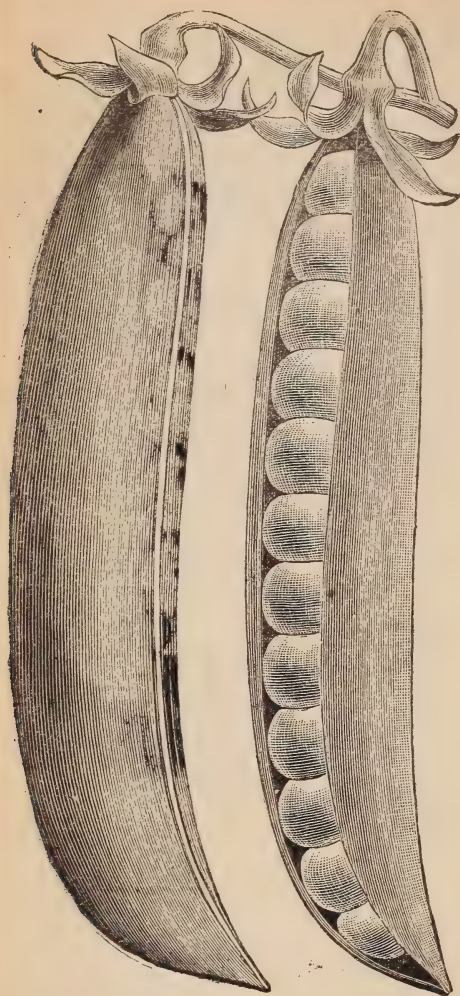
PRICES SUBJECT TO MARKET.

White and blue varieties. They are used mostly for field culture. In their dry state they are used extensively for feeding pigeons, making soups, also table use; in their green state for turning in hogs.

Our stock is Canada and northern grown, and free from bugs. Two and a-half bushels are sufficient to sow per acre. Bushel \$1.20; peck 40c; quart 10c; pint 5c. SPECIAL PRICE ON FIVE BUSHELS OR OVER. Lower grades at lower prices.

Southern Black-Eye Cow Peas (Whip-poor-Will). and other varieties. The best for soiling. Nothing better for stock of all kinds, green or dry state. Quart 10c; bushel \$2.00. Special price for five bushels and larger orders.

We sell car loads every season, and are headquarters for Field Peas.



SHARPE'S QUEEN.

2½ feet. Pods mammoth in size, curved, borne often in pairs and so many on a vine as to make the sort very productive. The edible peas are of a deep green color, large and of good flavor, and tightly packed in the pods. This Pea is one of the best English sorts and does well in this country, which cannot be said of all the English varieties. Price, pkt. 5c; ½ pint 10c; pint 20c; quart 35c; peck \$1.50.

Stratagem. (Wrinkled): One of the finest second early peas grown. The strong, sturdy vine is literally covered with immense pods. Many of the pods measure nearly 5½ inches in length, and contain as high as ten large, fine flavored, wrinkled peas of excellent flavor, very sweet; two feet high. ½ pint 10c; pint 15c; quart 25c; peck \$1.50.

The wrinkled Peas should be sown thicker than the round Peas, and not till the ground has become warm, as they are more liable to rot. They are the finest flavored of all Peas.

Garden Peas in bushel and more lots at Special Prices.



STRATAGEM.

Sharpe's Queen One of the most desirable of the late varieties that have been recently introduced. This is a wrinkled Pea of the Stratagem class, and better. It is a dark colored and thick-stemmed, very sturdy sort, *resisting mildew*. Height of vine about

The season of 1895 was not favorable for the growing of Peas, and the crop in the northern part of the State of New York and also Canada, was only fairly good. Our stock, however, is the largest and finest we ever had. As we have been several times severely disappointed by unprincipled seedmen in getting the PURE and genuine qualities, we took the precaution of making our arrangements with the oldest (b-st) and principal growers in the State of New York and Canada, for the growing of our stock of SEED PEAS for this coming season. We had the privilege of seeing the crop growing before harvesting, and we are confident that they are Pure and true to name, and can recommend them to our customers as such.

PEPPERS.



GOLDEN BELL.



LARGE SWEET SPANISH.



RUBY KING.



CAYENNE (LONG.)

CULTURE.—Sow each kind in drills on a warm border, late in Spring or commencement of Summer, and thin to stand sixteen or eighteen inches apart; or they may be sown early in the season in a hotbed or flower-pot, and transplanted.

Mammoth Ruby King. A very mild flavored variety, which grows to a large size, often 5 or 6 inches long, and 3 or 4 inches thick, of a bright ruby red color when ripe; fine for Mangoes. Plants are stocky and very prolific. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c.

Golden Bell or Golden Dawn. Similar to Sweet Spanish, except the color, which is golden. A new introduction, very early, mild flavor. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c.

Large Sweet Spanish. (Bell-shaped). The large variety generally used for cooking and pickles; bright coral red, 4 to 5 inches long. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 20c; 4 oz. 65c.

Red Cherry. Ornamental pickles; small; very hot. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c.

Large Bell or Bell Nose. Earlier than other large sized Peppers, thick meated, very mild flavor, excellent for stuffed pickles or Mangoes. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 20c; 4 oz. 65c.

Sweet Mountain or Mammoth. Similar to the Bell Nose, but larger and milder in flavor. For stuffed pickles, "Mangoes;" 6 to 7 inches. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 20c; 4 oz. 65c.

Long Red Cayenne. Fruit long, slim and bright red in color. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c.

Very Small Cayenne. Bright red color, very hot. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c.

Small Chili Red. Fruit red, small, ovoid, very hot. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c.

PUMPKIN FOR TABLE AND FIELD.

CULTURE.—May be planted after first of May, among the Indian Corn, or in the field or garden, in hills of eight or ten feet apart each way, four seeds in a hill.

Large Sweet Cheese. Excellent for cooking purposes, orange colored, flesh yellow, and sweet; very productive and excellent for pies, also stock. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

Large Tours or Mammoth. Grows to an immense size, often weighing over 200 pounds, very productive for cattle and table, flesh bright yellow. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

Cushaw. Resembling the White Crookneck Squash, flesh salmon yellow. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Connecticut Field. The common large yellow field Pumpkin; good for stock. (Short crop). Pint 15c; quart 25c; bush. \$3.50.

Sugar. This great pie Pumpkin is used exclusively in making the celebrated Yankee Pumpkin pies. Of fine sugary flavor, fine grained. Paper 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Genuine Mammoth or True Potiron. Also called King of Mammoths, Large Yellow Mammoth, Mammoth Pumpkin, Jumbo Pumpkin. Form like an immense Nutmeg Melon with depressed ends, slightly ribbed, and grows to immense size, three feet or more in diameter. Skin salmon-colored; flesh bright yellow; fine grained; good quality. Paper 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

RADISH.

American and French Grown Radishes for All the Year Round.

One ounce sows 100 feet of drill; 8 to 10 pounds for an acre.

All the varieties thrive best in light sandy loam. For early use, sow in hot-bed, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September, for a succession. They must grow rapidly to be crisp, mild and tender.

All seed saved from selected and transplanted roots.

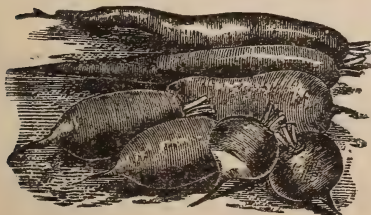
Special prices for those buying in larger lots. Five pounds of any variety at 10c. less per pound.

EXTRA EARLY AND FORCING VARIETIES.

Earliest White Turnip. A remarkably early sort for forcing, very few and small leaves, crisp and delicate bulbs (new). Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.



EARLY SCARLET WHITE-TIPPED RADISH.



Earliest Scarlet Forcing Turnip. Quickest in maturity of any of the Red Turnip Radishes; crisp root and small top; an excellent forcing variety, as well as in private garden. Don't fail to try it. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.

Extra Early Scarlet Turnip, White-Tipped A fancy French variety; scarlet bulb with white bottom. Very showy and delicate. Choice variety for forcing and open grown. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Turnip Extra Early Deep Scarlet Forcing. One of the finest maturing, inside 20 days. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Turnip Extra Early Deep Scarlet White-Tipped Forcing (New). A rich dark scarlet, pure white at the base, tender and mild in flavor. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.

Early Scarlet Turnip. Very early; in great demand for home use. Small, round, with short top. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Scarlet Turnip, White Tip. Handsome bright scarlet color, with white tip. Many gardeners make a sowing of it every two weeks, all Summer its fine appearance attracts customers; quality always pleases. Pkt. 5c; oz. 10c; $\frac{1}{2}$ lb. 20c; lb. 60c.

Early White Turnip. Pure white in color, with a small top; flesh pure white and semi-transparent. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Turnip White Globe, Extra Early. Of good size; a pure white, small top, crisp, mild and tender. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Olive-shaped Scarlet White-Tipped French Breakfast Radish A variety of quick growth. Very mild and tender; one of the best for forcing; oval form, scarlet, tipped with white. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.



EXTRA EARLY DEEP SCARLET PRUSSIAN GLOBE RADISH.



THE CHARTIER, WHITE STRASBURG, AND HALF-LONG DEEP SCARLET.

Extra Early Scarlet Prussian or Vicks' Globe. Eighteen days to maturity. A small-leaved variety well adapted for forcing under glass; root round and carmine colored, early, very attractive and desirable, fine for forcing. A new color and very choice. Every gardener should have it. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

Half-Long Deep Scarlet. Matures in 24 days, is red and grows from 3 to 4 inches. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Early White Giant Stuttgart Summer. (Round). A large grower, top-shaped and long keeper, all white, smooth, brittle, never pithy; second early. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

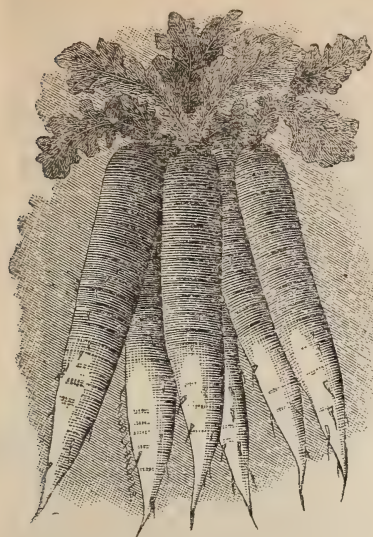
Long Scarlet Short Top. Brightest scarlet. (New). The well known Long Red market variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c.

Wood's Early Frame. Shorter and thicker than the Long Scarlet Short Top; best long Radish for forcing also good for out-door crop, either Spring or Fall; mild, brittle, of fine flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Gray Summer Turnip. An excellent sort for Summer. A heat resister. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Long White Vienna. Beautiful in shape; skin and flesh are pure snow-white; crisp and of rapid growth. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 65c.

White Strasburg. It is of a tapering shape, skin and flesh both white. It is an excellent Summer variety, being tender, crisp and of fine flavor, and a quick grower. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.



MARKET GARDENERS' EARLY LONG SCARLET.

to maturity, quick growing, a long slim white; a great favorite, the only good long early White; very crisp and nutty. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c.



BLACK SPANISH.

Golden Yellow Summer. Expressly grown for us. The best Summer Radish. Shape globular; color amber; flavor mild; keeping long in eating condition, withstanding heat well. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Long White Spanish. Fall or Winter. A long Winter sort, very solid and crisp, long keeping. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Long Black Spanish. Winter. Grows six to eight inches long, and about one and one-half inches through at the top; skin black; flesh white and of firm texture. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Round Black Spanish. Winter. Like the above, except in shape. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

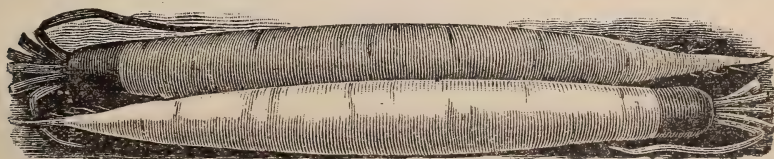
Russian or California Mammoth White. Grown extensively by Chinese in California; 8 to 12 inches long, 2 to 3 inches in diameter; white, solid, good flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Rose or Scarlet China Winter. A fine Winter sort; root a half long stump of from 3 to 4 inches; scarlet and pink in color, tipped with white. Quite saleable in market during Fall and Winter. Keeps perfectly. Paper 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Radishes are one of the most important vegetable crops for Market Gardeners and private garden. It depends a good deal upon the seeds and soil and how to grow them. As to the first part, we positively assure our friends that the seed we offer is grown for us by the largest, most reliable and best growers in France and this country, and we know and guarantee that our seed is equal to any offered by any first-class reliable seedmen.

SALSIFY.—(VEGETABLE OYSTER.)

When properly cooked it is a good substitute for oysters in taste and flavor, and is very nutritious.

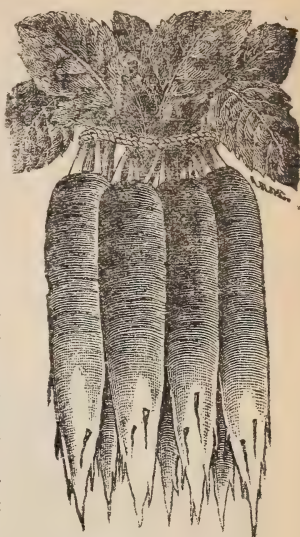


SANDWICH ISLAND MAMMOTH SALSIFY.

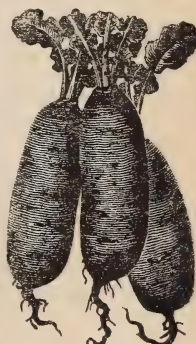
CULTURE.—Sow early in Spring in drills fifteen inches apart and one to two inches deep; thin to six inches apart. Soil should be very deep and mellow, in order that the long root may grow straight down.

Market Gardeners' Early Long Scarlet. Improvement on the old Long Scarlet, being broader at top and not so long. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Improved Chartier. (Scarlet, white tip). A distinct, exceedingly handsome and attractive sort. Color of the top is scarlet rose, shading into pure waxy-white at the tip. Attains a very large size before it becomes unfit for the table; undoubtedly the best All Seasons Radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top, and keeps crisp and tender for two months. Planted late it makes a good winter keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.



IMPROVED CHARTIER.



ROSE OR SCARLET CHINA WINTER.

Store same as carrots for Winter use, or they can be left in the ground until Spring. One ounce of seed will sow fifty feet of drill.

Vegetable Oyster. The long, white, old standard variety. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 90c.

Mammoth Sandwich Island. This variety is of enormous size, twice the size of the ordinary French; pure white, very tender and delicious. Invaluable for the market gardener and private garden. Pkt. 5c; oz. 10c; 4 oz. 35c; lb. \$1.25.

SCORZONERA (OR BLACK SALSIFY.)

Black Oyster Plant. Treatment same as for Salsify, which it closely resembles. Root black before cooking. Pkt. 5c; oz. 10c; 4 oz. 50c; lb. \$1.50.

SPINACH.

Ten to twelve pounds are required for an acre. SPECIAL PRICE IN 5 AND 10 POUND LOTS.

CULTURE.—For Spring use sow early in drills one foot apart, and every two weeks for succession. As it grows, thin out for use, keeping it clear of weed s. For Fall use sow in August; for Winter use in September, in well manured ground; mulch with straw on the approach of severe cold weather.



EXTRA LARGE THICK ROUND-LEAVED SPINACH.

Extra Large Thick Round-Leaved. The Market Gardeners' Favorite for Spring or Fall sowing. Very hardy and large cropper. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; lb. 25c.

American Round-Leaved. The best for an early Summer crop; leaves thick, large, crumpled and of excellent quality; very slow to run to seed. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; lb. 25c.

New Long Standing. Will stand an unusually long time before running to seed; in other respects it resembles the round-leaved closely. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; lb. 25c.

Prickly Seeded. The hardest of all, therefore the best where the Winters are severe. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; lb. 30c.

Curled-Leaved Savoy. (NORFOLK BLOOMSDALE). The earliest variety; of upright growth; fine, large, tender, savoyed leaves. Grows quick. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; lb. 25c.

New Zealand. Withstands heat and drouth and produces leaves in great abundance throughout the Summer in the hottest climates, and where ordinary Spinach will not do well. Pkt. 5c; 2 oz. 10c; 4 oz. 25c; lb. 80c.

Landreth's Bloomsdale Savoy-Leaved. In 5 and 10 lb. sacks only, at 30c. per lb.



NEW LONG STANDING SPINACH.

SUGAR CANE, SORGHUM, Etc.

Early Amber. This is a standard variety now being successfully grown even in the extreme northern latitudes. It may be planted as late as the 15th of June, and will be ripe enough to manufacture in September. It is the earliest variety with which we are acquainted. The beautiful amber-colored syrup it produces is thought to be superior in flavor to any other, and for sugar is unsurpassed. It is useless to plant Cane Seed before the weather is warm in Spring. Three or four pounds are required per acre. Our stock is choice. Price, 10c. per lb.; 10 lbs. 65c; 50 to 100 lbs. 4c. per lb.

Early Orange. Another favorite sort. Price, 10c. per lb.; 10 lbs. 65c; 50 to 100 lbs. 4c. per lb.

SORGHUM OR SUGAR CANE FOR STOCK FODDER.

Sow different times, up to July 15, at the rate of 20 lbs. per acre. Dairymen and in fact every farmer should grow it for horses, cattle, hogs, as they eagerly eat and relish it, and nothing pays better. Dairymen especially should grow this Sugar Cane seed, as it gives them the best green fodder just in time when pasture is dried up, and will produce more and better milk than any other forage plant, even Clover. 5c. per lb.; 10 lbs. 40c; 20 lbs. 65c; 50 to 100 lbs. 2½c. per lb. or \$1.25 per bushel of 50 lbs.

NON-SACCHARINE SORGHUMS.

These varieties bear dry weather well. They grow on any land where corn will, even on land too poor for corn. It takes from five to six pounds to plant one acre.

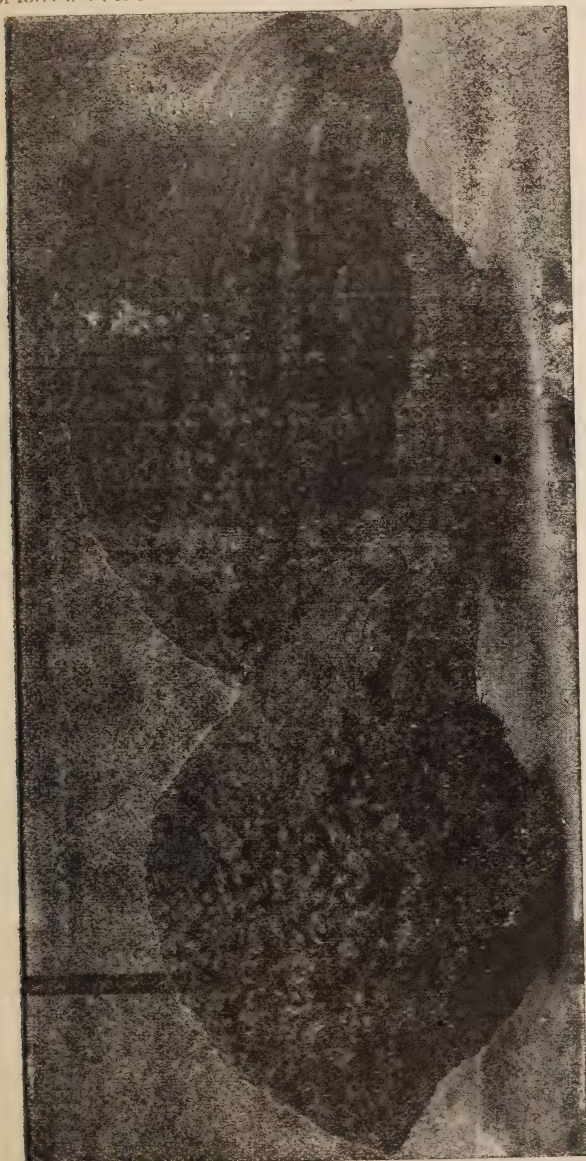
Kaffir Corn or Sorghum. Kaffir Corn is now successfully cultivated for both forage and grain in all sections of the United States. It is the best general purpose plant of all the varieties of Sorghum yet offered, unless it be the new Jerusalem Corn, and will make a paying crop on land that will not yield five bushels of corn or wheat. It is early as Amber Cane. It will make a fine crop of forage if cut in early bloom, and the shoots that then follow will make a second crop to feed green or dry for winter. Per lb. 10c; 10 lbs. 40c; 20 lbs. 65c; 50 to 100 lbs. 2½c. per lb.

The Jerusalem Corn A new forage and grain plant introduced in this country a few years ago, and the U. S. Experimental Stations recommend it very highly. Pkt. 10c; lb. 20c; postpaid. Per express or freight 10 lbs. 45c; 20 lbs. \$1.00. Special price for larger quantities.

SQUASHES.—SELECTED SEEDS.

SPECIAL PRICE FOR LARGE LOTS.

CULTURE.—Plant after all danger of frost is past, and get in the Winter kinds as soon as possible, in order that they may mature. Plant in hills five feet apart for the bush varieties, and six or eight feet for the running varieties, putting six or eight seeds in the hill, finally leaving but three. One ounce of the bush varieties for forty hills, or of large-seeded running kinds, 15 hills; three to four pounds for an acre.



TOLEDO WARTED HUBBARD SQUASH.

summer, and a desirable sort for Winter; a keeper; flesh white, good flavor. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.

True Hubbard. Generally considered the leading Squash for Fall and Winter use; good in any climate, hard skinned; splendid keeper; flesh dark yellow, fine grained, very dry and rich; very prolific. We offer a very carefully grown stock. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Livingston's Improved Cushaw. The genuine Cushaw of ye olden times, and a great favorite, flesh rich, yellow, solid, fine grained, sweet, excellent for baking and pies. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.

Early White Bush Scallop or Patten. Of a light cream color, very productive and the earliest to mature; grows to good size. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Yellow Bush. Deep orange yellow in color; in other respects it does not differ from the above-mentioned, unsurpassed in quality. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Mammoth White Bush Scallop. An excellent large strain, earlier than the common stock, creamy white and average double in size; a prolific bearer; a splendid variety for market, and the best of all for southern shippers. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.

Extra Large Golden Custard Bush Scallop. Decidedly the best strain. It has been selected and grown for years until it has doubled in size, and at the same time lost none of the other good points, such as earliness, quality and productiveness. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Giant Summer Crookneck. Double the size of the ordinary Crookneck and very warty, but similar in other respects. Their handsome appearance commands an extra price in the market. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

Golden Summer Crookneck Early. productive, of good quality; skin yellow. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.

FALL AND WINTER SORTS.

Toledo Warty Hubbard Squash.

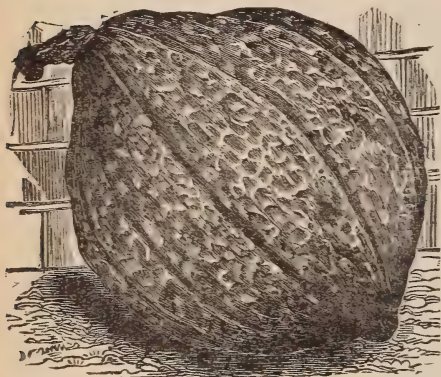
For years it has been our constant aim to get an improved strain of Hubbard Squash. We finally succeeded, and now offer to our friends the Toledo Warty Hubbard Squash (similar to the so-called Chicago), which we claim the best strain in the market. A Hubbard Squash, large, blackish-green, hard as wood, with warty knobs all over it, satisfies even the inexperienced observer that it is the best of its class. Rich in quality, a keeper and thick fleshed—such will sell at sight. Our strain of the above will produce mainly the type shown in our photo-engraving which we consider the ideal Hubbard for home, or for market. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

White Turban. Ready for use in mid-

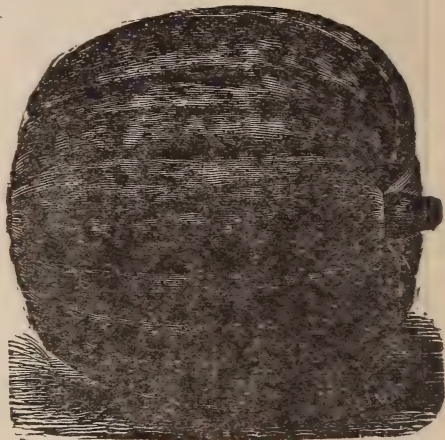
Fordhook. A most excellent new Squash, of handsome appearance, yellow outside and straw-yellow within. The flesh is as dry as Pike's Peak and of the most delicious flavor. It ripens early and is one of the best keepers we know of; it can be kept all through the Winter until June. It is very prolific and bug and borer proof. We can highly recommend it to our customers. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

Sibley or Pike's Peak. A great improvement on the Hubbard. The shell is pale green in color, very hard and flinty, but at the same time so very thin and smooth as to occasion the least possible waste in baking. The flesh is solid and thick, and a vivid, brilliant orange color, dry, and has a rich, delicate flavor peculiarly its own; more productive and a better keeper than either the Hubbard or Marblehead. Weigh from 9 to 11 pounds. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Pineapple. Peculiar shape; white skin and flesh; fine late sort. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.



BOSTON MARROW SQUASH.



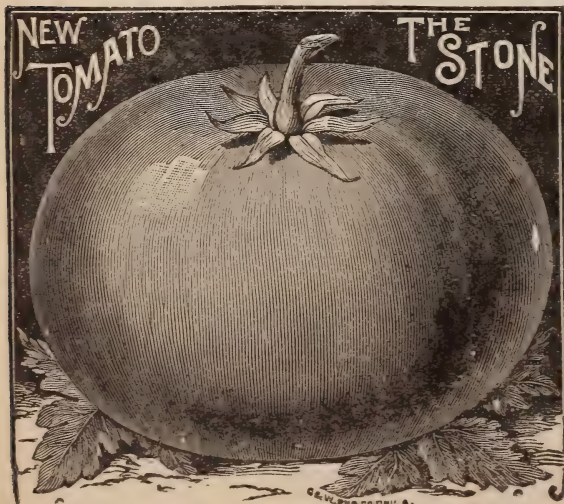
MAMMOTH CHILI SQUASH.

Boston Marrow. Extensively grown and most profitable for Winter use and canning. Flesh orange, fine grained; splendid for pies and as a Winter keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c; 5 lbs. and over, 40c. per lb.

New Eureka Squash. A first-class farmers' Squash, profitable to grow for feed as well as for market and table. The flesh is very thick, fine grained, and flavor, whether baked, steamed or boiled, is of extra fine quality; wonderfully prolific, one vine producing two and three 20 to 25 pound large sized fruit. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

Mammoth Chili. True stock ("Jumbo"). The "big" exhibition Squash, the largest of all, often weighing over 200 lbs. There is a record of one Squash having been grown that weighed 292 lbs. The flesh is very thick and of a rich yellow color, skin smooth and bright orange color. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

NORTHERN GROWN SELECTED TOMATO SEED.



CULTURE.—For early use sow in February, in boxes or pots, and place near a window or in hotbed. When about two inches high, prick them out singly in small pots and nurse carefully in frames; when danger of frost is past, plant out in sheltered situation, where they may have full influence of the sun. To hasten maturity of the first fruit which sets, pinch off extremities of the tops. One ounce will produce about thirteen hundred plants.

The New Stone Tomato. This new Tomato has already been generally adopted by canners and market gardeners everywhere. Its solidity and carrying qualities are far in advance of any other sort now known; color, rich red; shape perfectly smooth and thicker from stem to blossom end than most varieties, making it very desirable and saleable. Very large in size and very heavy cropper. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 25c; 4 oz. 65c; lb. \$2.00.

Early Mayflower. Large, solid, the very earliest variety; of a glossy bright red, with firm smooth skin. globular in shape, perfectly smooth; of fine flavor, ripens evenly. Pkt. 5c; ½ oz. 15c; oz. 25c; 4 oz. 65c; lb. \$2.00.



NEW DWARF CHAMPION.

ity and toughness of skin. Certain to give satisfaction. Keeps well. Pkt. 5c; ½ oz. 15c; oz. 20c; 4 oz. 60c; lb. \$2.00.

Livingston's Perfection. It is one of the earliest, ripening evenly; a good keeper; color blood red, almost round in shape, perfectly smooth and solid, having few seeds; very productive; good shipper. Pkt. 5c; ½ oz. 15c; oz. 20c; 4 oz. 60c; lb. \$2.00.

New Peach. The most distinct Tomato ever introduced; the fruit resembles the peach in shape and color, which is deep rose and orange amber; the flavor is remarkably fruity and delicious. Pkt. 5c; ½ oz. 15c; oz. 25c; 4 oz. 75c. lb. \$2.50.

NEW CROSS-BRED TOMATOES.

One ounce containing about 6,000 seeds, or enough to plant over two acres.

Scarlet Cross. 90 Days. The earliest to ripen of the cross-bred sorts, being edible in about 90 days from germination of the seed. Color scarlet and proof against sun-burn. Form of fruit deep oval between stem end and blossom end. Fruit three weeks earlier than Stone and larger than Stone and distinct in form, being so very thick. Borne in bunches sometimes as many as 12 to 14 big fruit in a cluster. Fruit ripening all over, without crack or green core. Cells 4 to 6. Variety exceeding productive. Vine very vigorous and dark in color. Pkt. 20c; oz. \$2.00; postpaid.

Purple Cross 95 Days. Second in precocity of the cross-bred sorts, ripening in about 95 days from germination. Color fixed as a velvety maroon. Form one inch more in depth between stem end and blossom end than Beauty, and a large fruit which is very solid and 20 days earlier than Beauty. Fruit borne in clusters, as many as 17 big fruit being taken from one cluster. A wonderful producer. Pkt. 20c; oz. \$2.00; postpaid.

These two varieties of Tomatoes are, without any exception, the most remarkable in earliness and of exceeding productiveness. Our supply of these valuable kinds is not large, and advise our friends to order early.

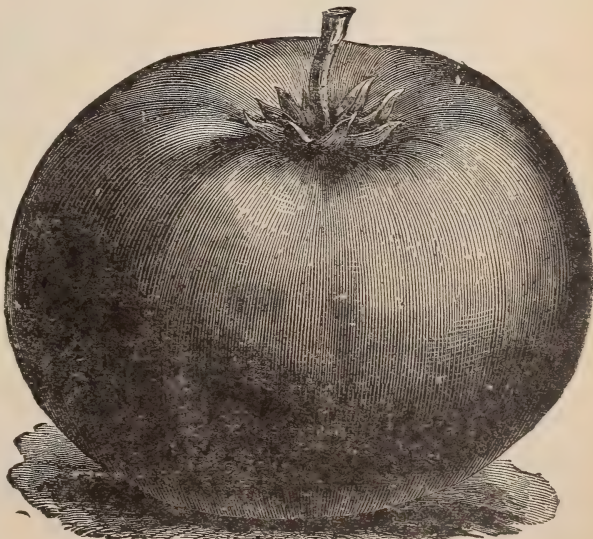
Powder sa. In growing it we have found it of immense size, solid, almost seedless, and of good sub-acid flavor. The single fruits were large, but somewhat scattered on the vine, and did not yield near so much as the Beauty and other varieties. Pkt. 5c; oz. 30c; ¼ lb. 75c.

New Dwarf Champion. In form and color the fruit closely resembles the Acme; it is always smooth, symmetrical and attractive in appearance; the skin is tough and the flesh solid; ripens well close round to the stem and is not so much subject to crack as some other sorts. Pkt. 5c; ½ oz. 15c; oz. 25c; 4 oz. 75c; lb. \$2.50.

Selected Early Acme. Ripens evenly; of medium, uniform size, round, very solid, and of a pink purplish color; very productive, bearing until killed by frost. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

Early Favorite. A large, smooth, perfect shaped Tomato, of a dark red color; does not rot or crack, ripens early, very prolific, good flavor, flesh solid, has few seeds, very early; good shipper. Pkt. 5c; ½ oz. 15c; oz. 20c; 4 oz. 60c; lb. \$2.00.

New Beauty. Well named. Fruit large and showy; color deep red with slight tone of purple; growing in clusters. Solid, meaty, smooth and free from rot or green core; a good sort for shipping on account of its solid- keeps well. Pkt. 5c; ½ oz. 15c; oz. 20c; 4 oz. 75c.



SCARLET CROSS TOMATO.

Golden Queen. Specially recommended for canning, for eating raw or slicing as a table fruit. Somewhat resembles the Trophy in appearance. It will please you. Pkt. 5¢; oz. 25¢; 4 oz. 75¢; lb. \$1.50.

Livingston's Royal Red. Royal Red is a first-class main crop variety for the shipper, market and private consumer; of special value to the canner and eat-up-maker. Pkt. 5¢; 4 oz. 25¢; oz. 75¢; 4 oz. 75¢; lb. \$2.25.

Livingston's New Buckeye State Tomato. A fine new extra large sort, nearly one-half larger than Beauty. Deep color, heavy and of splendid quality. Paper 5¢; 4 oz. 25¢; oz. 75¢; 4 oz. 75¢.

Livingston's Gold Ball. Is a golden-yellow variety. The flesh is thick and of extra good quality, large enough to slice smooth as an apple and of a handsome gold color. grows in clusters; produces enormous crops. We feel sure this will please you. Try it. Paper 5¢; 4 oz. 25¢; oz. 75¢; 4 oz. 75¢; lb. \$2.50.

Yellow Plum or Pear. A small yellow variety, used for pickling. Pkt. 5¢; 4 oz. 25¢; oz. 75¢; 4 oz. 75¢; lb. \$1.50.



NEW TOMATO VINE FRAME

Mansfield Extra Early Tree Tomato. This variety has been originated by careful selections and special methods until it has attained the height of ten feet for the tree and a weight for a single tomato of thirty ounces and six inches in diameter with testimonials of over sixty pounds of ripe fruit to a single tree of a quality that surpasses all others. Fruit ripens from July 25th until frost; they are as solid all the way through as a hard boiled egg, and but few seeds in a Tomato. Pkt. 10¢; ½ oz. 20¢; oz. 35¢; ¼ lb. \$1.00.

IMPORTANT GROWING TOMATOES!

Use our New Tomato Vine Frame and increase the yield of Tomatoes. Your crop will be increased both in yield and a great gain made in point of earliness. This is accomplished by admitting both light and air through the vines. In addition to using the frame to hold them up, you should not allow the vines to grow too long and straggling, but keep their tops cut out and prune back to one or two main stems, making stocky ones. This will make you more, better and earlier fruit. Our patent Tie-Joint Tomato Frames will last you for years. They can be instantly put together, taken apart, and stored in the smallest possible space. They will give your plant a solid support in every direction without cutting the vines as thin wire frames are apt to do. With their use you will have full ripe Tomatoes 2 to 3 weeks earlier. We guarantee satisfaction. Price, 15¢ each; \$1.50 per dozen.

LIST OF SELECTED TURNIPS AND RUTABAGAS.

Was a very short crop in this country, also in Europe, and prices may advance.

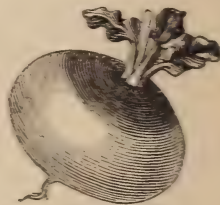
CULTURE.—For early Turnips sow as soon as ground opens in Spring, but the other kinds for Winter use may be sown from middle of July to end of August. Turnips are generally sown broadcast, but much larger crops are obtained (particularly of Rutabagas) by cultivating in drills 18 inches apart, and thinning to six inches in the drill. One and one-half pounds to the acre.



EXTRA EARLY PURPLE-
TOP MILAN



EARLY RED-TOP STRAP-LEAF



LARGE EARLY PURPLE-
TOP GLOBE

Extra Early Milan. A new early very white variety, with purple-top and strap-leaf. Mild and sweet; remains in good condition for a long time. Choice variety, and as such we recommend it. (Short crop). Pkt. 5¢; oz. 10¢; 4 oz. 30¢; lb. \$1.00.

Early Flat Red or Purple Top. [Strap-leaved]. The standard for this country. Superior for early or late planting. Round, flat, good sized, small top with but few leaves, flesh very fine grained, flavor good. Pkt. 5¢; oz. 10¢; 4 oz. 30¢; lb. 20¢.

Large Early Purple-Top Globe. Similar to above, except shape. This is the largest yielder of any Turnip on the list, and very desirable for table or stock. Pkt. 5¢; oz. 10¢; 4 oz. 30¢; lb. 40¢.

Extra Early Dutch. Rather flat; good white early sort. Pkt. 5¢; oz. 10¢; 4 oz. 30¢; lb. 60¢.



II EARLY WHITE EGG.

Early Snowball. Extra Early. This is a small white globe, very quick, the earliest in maturity of its form and character. We highly recommend it for table purposes. (Stock not large and scarce). Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.

Extra Early White Egg. Very early and particularly desirable for the table; flesh firm and fine grained, sweet and sugary, and of snowy whiteness; egg shaped. For Spring or Fall sowing. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

Long Cowhorn. Carrot-shaped short; of delicate flavor for table. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

Pomeranian White Globe. (Strap-leaved). This is a free growing rough-leaved sort, useful for both table and stock, and may be commended for both purposes. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

Amber Globe. This we recommend highly, and is almost indispensable in every rural household for table use or stock. Pkt. 5c; oz. 10c; 5 oz. 15c; lb. 50c.

Golden Ball. A small yellow Turnip of second size, early and a good keeper; very good for market and table. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.



AMBER GLOBE.

Yellow Aberdeen or Scotch Yellow. This is highly approved as a market and cattle Turnip, attaining a large size. It is solid, nutritious, a good keeper, and is in every respect splendid for table use. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

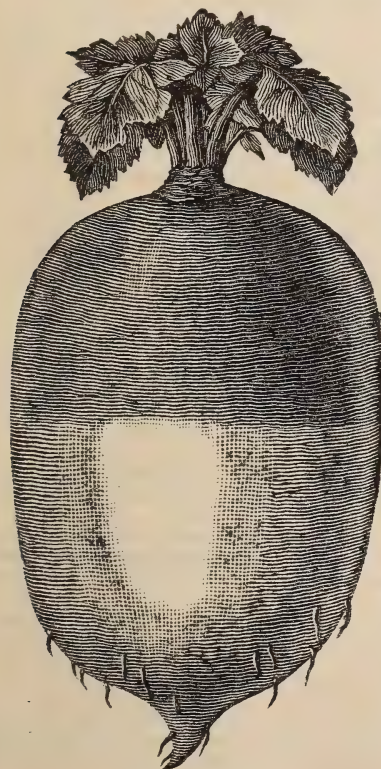
Improved American Purple-Top Yellow Rutabaga. The leading market variety, and largely grown for stock as well as family use; hardy, productive, solid, sweet. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c; 5 lbs. \$2.00.

Champion Swede or Yellow Rutabaga. (Imported). A superior English grown Ruta Baga, the best to be had abroad. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 40c.

Sweet German. This variety partakes largely of the nature of the Ruta Baga, and should be sown a month earlier than the flat Turnips. The flesh is white, hard, firm and sweet; good for Winter and Spring use. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.



SWEET GERMAN.



THE MONARCH SWEDE.

The Monarch Swede. This grand new and distinctive form of the Ruta Baga is, we believe, by far the best of all. The bulbs are of tankard shape, with very small neck, skin dark red above ground and yellow below, flesh rich yellow, fine grained and best quality. For earliness, quality and weight it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, whilst the large percentage of saccharine matter contained in the root makes it very palatable and nutritious to stock fed on it. Monarch Swede is of handsome shape and distinct appearance. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

*Sweet Russian; Sweet Hanover; Sweet French; Sweet German.

*Under all these names is to be recognized "one and the same variety of Turnip." Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

We were very well pleased with the seed received last year, and so we hope you will give us good order again this year.

HIGGINS, SEED CO., PA., Dec. 6, 1895.
I am yours fraternally, J. H. S.

SEEDS OF SWEET, POT AND MEDICINAL HERBS.

Aromatic Herbs are those which possess medicinal as well as culinary properties, and should be found in every garden. They impart a pleasant, spicy odor, and are quite savory to the taste. To secure the herbs for use, cut them on a sunny day, and spread thinly in the shade to dry.

SWEET
BASIL.

SAGE.

SWEET
MARJORAM.SUMMER
SAVORY.FRENCH
THYME.

	Pkt. Oz.		Pkt. Oz.
Anise (German, <i>Anis</i>) Cordial, flavoring.....	5 15	Marjoram, Sweet (Ger. <i>Majoran</i>) flavoring.....	5 25
Balm (Ger., <i>Melisse</i>) Medicinal use.....	5 35	Rosemary Ger., <i>Rosmarin</i>) ornamental.....	5 35
Basil Sweet (Ger., <i>Bosilicum</i>) soup, sauces.....	5 25	Rue (Ger., <i>Raute</i>) for medicinal purposes.....	5 20
Borage (Ger., <i>Gurkenkraut</i>) bee feed, salad.....	5 15	Sage (Ger., <i>Salbei</i>) for sausages and sauces.....	5 20
Caraway (Ger., <i>Kuempel</i>) grown for its seed.....	5 10	Saffron (Ger., <i>Safran</i>) medicine and dyeing.....	5 25
Chervil (Ger., <i>Kerbel</i>).....	5 15	Summer Savory (Ger., <i>Bohnenkraut</i>).....	5 25
Coriander (Ger., <i>Koriander</i>) for confections.....	5 15	Garden Sorrel (Ger., <i>Sauerampfer</i>).....	5 25
Dill (Ger., <i>Dill</i>) leaves for soups, seed flavor's.....	5 15	Sweet Thyme (Ger., <i>Thymian</i>) for seasoning.....	5 35
Fennel (Ger., <i>Fenchel</i>) used in fish sauces.....	5 15	Wormwood (Ger., <i>Wermuth</i>).....	5 40
Hoarhound, used medicinally.....	5 35	Woodroof (Ger., <i>Waldmeister</i>).....	10
Lavender (Ger., <i>Spiklavendel</i>) medicinal use.....	5 25		

TOBACCO SEED.

TWO BEST VARIETIES.

Connecticut Seed Leaf. Best adapted to the climate of the Middle and Northern States, as it is more hardy and endures the cold better than the tender varieties. Pkt. 10c; oz. 50c.

Imported Havana. Pure Cuban grown seed, and when grown in this country commands a high price for cigar stock. Pkt. 10c; oz. 75c.

When wanted, we can furnish other varieties at low prices.

IMPROVED BROOM CORN.

Improved Evergreen. The Improved Evergreen Broom Corn grows about seven to nine feet high, stands up well, and is free from crooked brush. Its greatest value to growers is the fact that it will not get red in the field before it is cut, but is strictly a green variety of brush, and will always command highest price. (Bushel, 48 lbs.) Lb. 15c; ½ pk. 35c; pk. 60c; bu. \$2.00.

Early Dwarf or Mohawk. Grows from three to five feet high and produces short fine brush, suitable for whisk brooms and brushes. Lb. 15c; ½ pk. 35c; pk. 60c; bu. \$2.00.

FODDER AND ENSILAGE CORNS.

Good fodder and plenty of it, supplemented by a generous grain ration, is as essential as good cows in profitable dairying, and when well grown and profitably cured is far better than average hay. To secure the full nutritive value of Corn Fodder, it should be planted in drills three feet apart, and at the rate of 12 to 16 quarts per acre.

The Celebrated Red Cob Ensilage. A southern type of large white Corn with deep red cob, strong leafy stalks and short joints. Adapted to all sections of the country, and a general favorite with thousands of dairy farmers we sell to every year. Price, shelled, peck 30c; bushel 80c; 2 bushels \$1.50; in bag of 2½ bushels \$1.80.

Clark's Cuban Giant Ensilage Corn. The increased demand each year for Ensilage Corn has induced us to procure and test all improved and new varieties of any merit. By close examination and thorough test, we found that the recently introduced Clark's Cuban Giant will rank as first-class and worthy of our highest recommendation as a perfect Fodder or Ensilage Corn. Having the creamy quality of the Tuscarora Corn and the growth, and the rankness of the Red Cob Ensilage Corn. The grains are pure white, vary large, broad and long. The fodder grows on the stalks in great quantities and of the finest flavor; is a great milk producer, and most as sweet and tender as Sugar Corn. An enormous yielder, and 10 to 12 days earlier. Price, shelled, peck 40c; bushel \$1.00; 2½ bushel and bag \$2.20.

VEGETABLE PLANTS AND ROOTS.

Prices for large quantities of any of these Plants or Roots will be given on application.

VEGETABLE PLANTS.

Well grown and lightly packed to carry long distances.

The fact that these plants are all grown under our direction from the choicest stocks of seeds from our store is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh, well packed at the beds, on a day's notice.

Plants quoted "by mail" are sent at our expense; "by express," at the purchaser's.

Cabbage Plants. Any of our early varieties ready April 10th. By mail, 100, 75c; by express, 100, 50c; 1,000, \$5.50.

Cabbage Plants. Any of our late varieties ready June 1st. By mail, 100, 75c; by express, 100, 40c; 1,000, \$2.00.

Cauliflower Plants. Ready May 1st. Snowball and Erfurt. By mail, doz. 20c; 100, \$1.25; by express, 100, \$1.00; 1,000, \$7.00. Less price for other varieties.

Celery Plants. Ready May 1st. Henderson's. By mail, doz. 20c; 100, \$1.00; by express, 100, 60c; 1,000, \$4.00. After June 20th, \$3.00 per 1,000.

Egg Plants. Ready May 1st. New York Improved. By mail, doz. 25c; by express, 100, \$1.00.

Pepper Plants. Ready May 1st. By mail, doz. 25c; 100, \$1.00; by express, 100, 75c.

Tomato Plants. Ready May 1st. Strong transplanted plants. By mail, doz. 25c; 100, \$1.00; by express, per 100, 75c; 1,000, \$5.00.

Sweet Potato Plants. Ready May 1st. We make a specialty of supplying first class Sweet Potato Plants, and we take great pains to send out only such as are strong, vigorous, well rooted and hardy. Write if you want a large lot, as prices may be lower. Price, by mail, 100, 60c; by express, per 100, 30c; 1,000, \$2.50.

ASPARAGUS ROOTS.

By purchasing *Good Strong Roots* one or two years time is saved.

Columbian Mammoth White. By mail, postpaid, 50 roots, \$1.00; 100 roots, \$1.50; by express, not prepaid, 100 roots, \$1.00; 500 roots, \$4.00; 1,000 roots, \$7.00.

Conover's Colossal. By mail, postpaid, 50 roots 60c; 100 roots, \$1.25; by express, not prepaid, 100 roots, 75c; 500 roots, \$3.00; 1,000 roots, \$5.50.

Palmetto. By mail, postpaid, 50 roots, 70c; 100 roots, \$1.25; by express, not prepaid, 100 roots, 75c; 500 roots, \$3.50; 1,000 roots, \$6.00.

Marr's Mammoth. By mail, postpaid, 50 roots, 70c; 100 roots, \$1.25; by express, not prepaid, 100 roots, 75c; 500 roots, \$3.50; 1,000 roots, \$6.00.

~~For~~ Special prices for larger quantities of above roots.

For directions for planting, etc., see asparagus seeds.

HORSE RADISH SETS.

Plant at any time during Spring, in rows two feet apart and about eighteen inches apart in the rows. By mail, per doz. 35c; by express, per 100; per 1,000, \$6.00.

By April 1st we issue special plant list of varieties and prices, which will be mailed upon application.

CHOICE SELECTED NORTHERN GROWN SEED CORN.

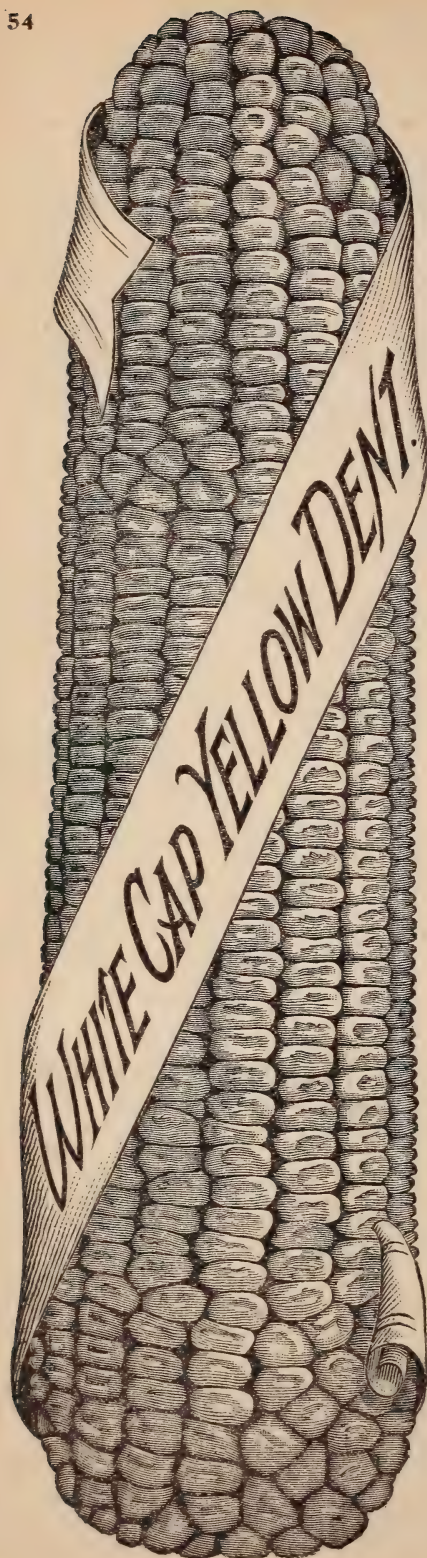
THE SEED WE OFFER IS GROWN FOR THIS PURPOSE, CAREFULLY SELECTED AND SHELLED.

We have for years made a careful study of the best varieties of Corn grown in the United States, and fully appreciating the great importance to the farmer of GOOD FIELD CROPS, especially Seed Corn, we hold that Corn grown in our section of the United States, just at the edge of Michigan, is far preferable for planting in the Eastern, Middle and Southern States, to the Western grown. Corn grown in our section will mature sooner and make a far better yield than the Western grown. Our Seed Corn will do better in the West than their own to plant. We have given particular attention to this department of our business, and have made *Selection and Improvement of Farm Seeds a Specialty*, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality.

We make it an invariable rule to test our Seeds carefully before sending out, and our customers may depend on getting Seed Corn that will grow perfectly under favorable circumstances. A sample ear is put in each sack with all orders of one bushel and over. Sample ears will be sent by mail to any address on receipt of twenty cents to cover postage.

~~At~~ At prices given we charge 15c for new cotton bags, and deliver free to any freight depot or express in Toledo.

Clark's Early Butler Yellow Dent Corn. This extra early Yellow Dent Corn originated with an extensive corn grower here, and is a cross from the Pride of the North. Good sized ears of long grain, very small cob, and of beautiful golden color. Quart 20c; peck 40c; bushel \$1.20. Larger order, special price.



New White Cap Early Yellow Dent Corn. This new Corn, introduced last season for the first time, has shown more genuine merit, more fine and lasting points than any Corn in cultivation. It combines more solid merit than the Leaming Corn, for it grows larger ears and is a better sheller and from a week to ten days earlier, and on poor thin soil will out-yield the Leaming by at least 30 per cent. The tip ends of the grains are white, the inside yellow, making it of beautiful color both on cob and when shelled. Expert Corn growers pronounce it a perfect field Corn, as to yield, size of ears, color, size of cob and growth of fodder. More genuine testimonials can be procured in its favor than all other sorts combined. No Corn in the world will yield as well on poor thin land and none stand the drouth as well. While on strong rich land its yield is wonderful. Many of our customers reported to us immense yields, from 100 to 150 bushels per acre and this on thin land, and hardly any rain. The following is one of the many testimonials we have, which will explain itself:

"BEDFORD, MONROE CO., MICH., Oct. 15, 1895.
THE HENRY PHILIPPS SEED & IMPLEMENT CO., Toledo, O.
The new White Cap Early Yellow Dent Corn I bought of you was planted May 29th and cut September 17, 1895, husked $3\frac{1}{2}$ bushels from shock, and 158 bushels per acre of large ear, marketable corn, and this on rather thin land and driest season we ever had. I received the highest (first) premium on this Corn, exhibited at our Bedford Farmers' Fair Ass., as this card will show. All my Corn is engaged by farmers in this section for seed next Spring.

Yours respectfully, SILAS SMITH.

Large growers in the great corn belt, as well as those out of it, will be pleased with this Corn. Because, 1st. It is as natural a yielder as weeds; 2nd. It will yield large crops on poor thin soil; 3rd. The ears are large, handsome and well filled; 4th. It is sure to mature in from 85 to 95 days; 5th. It husks easy and shells easy; 6th. It commands the highest market prices; 7th. It will grow more bushels on poor thin land than any other kind in the world; 8th. It stands the drouth better than 60 other kinds grown in the same county; 9th. It has small cob and large number of rows on cob, making it a wonderful yielder; 10th. It will out shell and out yield the Leaming Corn; 11th. It grows its fodder strong; 12th. It combines more genuine merit for all soils and climates than any Corn in cultivation; 13th. It is sure to please all who give it a trial. We highly recommend this Corn to our friends, and hope they will give it a trial. Price, per peck 40c; bushel \$1.25; in 5 bushels and upward lots \$1.00 per bushel.

The Celebrated Maumee Valley Yellow Dent Corn.

This valuable Corn is one of our introductions. We have sold and shipped thousands of bushels to all parts of the United States, and it has proved to be without exception the finest and best yielding Corn in the country; has a deep, rich, oily grain and a small red cob; extra heavy in weight; bushel shelled weight 60 to 62 lbs.; the stalk is medium in height, strong and stalky, not easily broken or blown down, and altogether is almost certain to make a crop even if planted as late as June. The time of maturity is 85 to 90 days. Price, quart 20c; peck 40c; bushel \$1.00; 5 bushels \$4.00; 10 bushels or more, special price.

King of the Earliest. Canada earliest Yellow Dent Corn, or the Queen of the North. Average yield 80 bushels shelled per acre; ripens in 78 days. By mail, package 10c; quart 25c. By express or freight, peck 40c; bushel \$1.20. Larger order, special price.

Improved Genuine Early Pride of the North. A very early Golden Dent variety, ripening with the Flint sort, and can be successfully grown further north than any other variety of Dent Corn. Stalks small, with broad leaves. Ears short; twelve to sixteen rowed, well filled. Grain long, yellow. Quart 20c; peck 40c; bushel \$1.50. Larger orders, special price.

Our Maamee Valley Extra Early Gilhouse. A Hybridized Yellow Dent and Flint Corn, a beautiful light yellow, kernels $\frac{3}{8}$ of an inch broad, eight rowed, grows of medium height, enormous yielder, 2 to 4 good sized ears on stalk, the earliest of all the Corn; will make a crop and ripen if planted as late as July the first. The finest kind for meal and stock. By mail, ear, 20c; quart 30c; by express, peck 50c; bushel \$1.50. Special price for a larger order.

Longfellow Flint. An eight-rowed Yellow Flint variety. Ears from 10 to 15 inches long (shape shown in illustration); $1\frac{1}{2}$ to $1\frac{3}{4}$ inches in diameter; well filled out to extreme end of cob. Cob small; kernel large and broad. Ear 20c; quart 20c; peck 50c; bushel \$1.40. Five or more bushels, special price.

Extra Early Golden Dewdrop. (Flint.) Early yellow variety. Ears 10 to 18 inches, perfect and well filled. Quart 20c; peck 50c; bushel 1.40.

Large Yellow Flint. Very early. Ears thick. Quart 20c; peck 50c; bushel \$1.40.

Thoroughbred Rural Early Large White Flint Corn. This large early White Flint Corn was introduced for the first time by the *Rural New Yorker*, and it has proved itself to be the largest early flint Corn in cultivation; a wonderful yielder, from 3 to 4 ears of 12 to 18 inches on one stalk; strong grower even on light soil. Quart 20c; peck 50c; bushel \$1.40. Larger orders, special price.

Extra Early King Philip. (Improved Flint.) This excellent red or variegated Flint Corn is so well known that it needs no special description. Quart 20c; peck 50c; bushel \$1.40.

The Clarge Early Yellow Dent Corn. This is an Early Yellow Dent Corn, and suitable, if necessary, for late planting. The Ohio State Board of Agriculture grew it on the grounds of the State Experimental Farm, and give it in their report the highest recommendation of all the early varieties of Yellow Dent Corn, in earliness, the number of bushels to the acre, average ears to each stalk, size of ears, and least per cent. of nubs. It is of good, bright color, ear very even in size its entire length and kernels set square in rows; 14 to 18 rowed; it is a week earlier than any other Dent Corn, and large ears. We introduced this valuable variety of Corn nine years ago, and must say that we never sold Seed Corn which gave such universal satisfaction, and have received many flattering testimonials. Several farmers have sold their crops of hundreds of bushels, at double the price of corn, to their neighbors and dealers in other parts of the country. Quart 20c; peck 40c; bushel \$1.20; 5 bushel \$5.00. Special prices for larger orders.

Champion Early White Pearl. An extra early pure white variety of the Dent family; very productive and exceedingly heavy, maturing in 85 to 90 days from the time of planting. The grain is *extra deep and wide*, two of which will more than span the cob, which is *very small*. Quart 20c; peck 40c; bushel \$1.20; 5 bushels \$5.00. Special price for larger orders.

Improved Early Prolific Golden Dent. Similar to Leaming, but earlier. We highly recommend this. Quart 20c; peck 40c; bushel \$1.20. Larger order, special price.

Improved Leaming Corn. The true improved Leaming Corn is a pure, fixed and distinct variety. It is not a hard flinty Corn, but sweet and nutritious, making excellent feed and the finest meal, its quality not being surpassed by any other known variety. The ears are large and handsome, with very deep large grain of deep orange color and red cob. Produces two good ears to each stalk, and husks and shells easily; great producer. Price, quart 20c; peck 40c; bushel \$1.10; two bushels \$2.00; 10 bushels and over, special price.

Clark's Early Mastodon. This new variety, introduced four years ago, has proven itself to be the largest eared and greatest yielding Dent Corn ever introduced. Out of twenty-five reports twenty-four of them claim for it a most perfect Dent Corn of strong growth, long grain, fine fodder, small cob, rank, quick to ear and ripen; the most productive of all field corns. Quart 20c; peck 40c; bushel \$1.20. Special price for larger orders.

Improved Golden Beauty. (Dent.) The ears are well filled with the handsomest yellow Corn we have ever seen. Cob very small, and the grain of the finest quality, making it the best variety for grinding into meal. Quart 20c; peck 40c; bushel \$1.20. Larger order, special price.

Extra Early Huron Dent Corn. After three years' trial on a large scale, we have concluded that this is the earliest Dent Corn grown. Good sized stock and ear, small red cob, long deep grain, very rich in oil and starch, and is the only smooth, very early Dent Corn known. Ears wonderfully perfect, grained even on both ends of cob; has quick, rank, strong growth and is very productive; it heads the list of all extra early varieties. Our supply is genuine and from the originator's stock, strictly pure and carefully selected. Quart 20c; peck 40c; bushel \$1.20. Larger orders, special price.

Evergreen Sweet Corn. The dairy farmers of the Northwest find double value in Sweet Corn Fodder over field sorts. We recommend it above all others for sowing broadcast or in drills during the Summer months, for Summer and early Fall green feed, helping out the shortness of Summer feed and keeping up a supply of milk. Sweet Corn, both green and dry, is good for Horses, Cattle and Hogs. Sweet Corn is the great milk producer and makes as sweet and yellow butter as May Clover. We have the large-growing leafy sort of Sweet Corn. Price, quart 10c; peck 50c; bushel \$1.50. Special price in larger lots.

~~Price~~ We can sometimes offer other varieties of Sweet Corn besides Evergreen, of which we have a surplus at lower rates. Write for samples and prices if you need a quantity. These Fodder Corns are all shelled.

We issue by March 1st a Special Seed Corn Circular of all our varieties with prices, which will be mailed upon application.



LONGFELLOW
CORN.

SPRING VETCHES OR TARES.

Vetches are grown for a forage crop. Sow two bushels per acre. Per lb. 10c; peck 90c; bushel (60 lbs.) \$3.00
The Hairy or Sand Vetch. (*Vicia Villosa*). This has proved to be the most valuable of all Vetches. It succeeds on all soils and does not suffer from extreme drought, heat or cold. Sown in Spring or Fall, it quickly produces a most luxuriant crop. Sow 40 to 50 lbs. per acre. Price, 10c. lb.; \$8.00 per 100 lbs. For more full information of this valuable plant, apply for our special circular.

RAPE SEED.

True Dwarf Essex English Rape Seed. Millions of acres of good land, that annually lie idle or run to weeds in this country, in the latter part of the season, after the grain, potato and hay crop have been harvested, might be made to produce one of the finest feeds imaginable, and in the greatest abundance, at a time when cattle and sheep are roaming through bare pastures in search of a scanty living. Rape may be sown broadcast at the rate of six pounds per acre and harrowed in, or the land may be thoroughly harrowed and the seed sown in drills. Under favorable conditions it is ready for pasturing sheep or cattle within six weeks from time of sowing, and on an average one acre will carry twelve to fifteen sheep six weeks to two months. There are several varieties of rape, but care should be taken to procure the genuine Dwarf Essex, which does not seed the same season as sown, and seed is larger than the common rape and mustard seed usually used and sold for bird seed. Rape Seed can be sown und cultivated in the growing corn. Price, 10c. lb.; \$8.00 per 100 lbs. Cotton bags, 15c.

FLAX SEED.

Flax. Dakota. Extra cleaned. Lb. 6c; $\frac{1}{2}$ peck 25c; peck 50c; bushel \$1.50.

SPRING SEED WHEAT.

North Dakota Fife Spring Wheat. Peck 50c; bushel \$1.50.

SPRING RYE.

Spring Rye. As a catch crop or fodder. Per peck 40c; bushel \$1.25. Sow about two bushels to the acre.

FALL OR WINTER SEED WHEAT.

We will have all the leading and new varieties of northern grown Winter Wheat, of which we will issue a Special Seed Wheat Catalogue, containing full description and prices, by July the 20th next and mailed free to all applicants.

CHOICE SPRING SEED BARLEY.

Quantity of seed sown per acre is about $1\frac{1}{2}$ to 2 bushels.

Manshury Barley is one of the very best six-rowed Barley grown; for malting is the very best known; is early in ripening, which helps it to fill well, thus it always fills plump; six-rowed, has a strong upright straw, that makes it easy to harvest; yields from 50 to 80 bushels per acre. Heads of this Barley are very long, and contain from 75 to 100 heavy kernels of grain. Peck 30c; bushel (48 lbs.) 75c; bags 15c. Special price for 5 bushels and more.

Scotch Golden Grain Barley. Exceedingly handsome, two-rowed, of very plump heavy grain, highly prized for its superior malting quality; very prolific. Always commands a high price. Peck 35c; bushel \$1.00; bags 15c. In lots of 5 bushels and over, special price.

Success, or Beardless Barley. This new beardless Barley originated with A. B. Jones, of South Dakota, and of recent introduction, and if it is, as represented by those who gave it a trial, it will work itself to the front, as everyone who raised and fed Barley knows the inconvenience of these sharp and troublesome beards. They not only make it unpleasant to handle, but are very injurious to animals in feeding. As we don't know enough of this Barley to give it our unqualified endorsement, we give only what reports we have of others. Price, peck 40c; bushel \$1.00. In lots of 5 bushels and over, special price.

CHOICE, SELECTED SEED OATS.

NORTHERN GROWN CHOICE SEED.

We are not great believers in fancy Oats at extravagant prices, but we do believe an occasional change of seed is a paying investment, and that new hybrids have been introduced of great value. The stock we offer was especially grown for us for Seed, and carefully re-cleaned by us, and who would not grow pure, reliable, choice, improved heavy Oats, in preference to the light mixed and chaffy kinds, which yield only half a crop of inferior quality.

New White Superior Scotch Oats. The heaviest Oats ever introduced in the U. S. Very often weigh 50 lbs. to the measured bushel. They surpass all other White Oats in heavy weight, thin hull, shortness and plumpness of grain. Their strong straw adapts them to rich bottom ground where common Oats will fall down and waste, and are enormously productive, some reports being as high as 152 bushels per acre. We therefore recommend all progressive agriculturists, to give them a trial and make Oats a paying crop. Price, peck 25c; bush. 65c; 5 bushels and upwards 50c. per bushel of 32 lbs. Larger lots, special price.

THE IMPROVED AMERICAN BANNER OATS.

We offer this year carefully grown Seed, raised entirely from selected stock. The result of this care in selection is shown in the crop, which is the finest ever grown, and averaging upwards of 80 bushels to the acre. So that the Seed now offered as The Improved Banner Oat is the very best, and every one should renew their stock at once.

This wonderful grain stands the tests even in the driest seasons, and to-day, after hundreds of trials in all parts of the country, its fame is higher and more secure than ever before. Reports from all sections indicate a satisfaction that is truly gratifying, but not more than was expected when it was first sent out. For it had been very thoroughly tried and proved to be the *most prolific variety of Oats on record*. One hundred bushels to the acre has been raised, and that certainly ought to satisfy the most exacting. On fields to which no fertilizer had been applied for two years, 70 bushels to the acre was produced. This year all that has been claimed for it has again been realized, and so it stands to-day as the Improved Banner Oat of America. An average of eighty pounds has been raised from a single pound of seed—thirty pounds in excess of the claim made for it when first introduced.

The grain is white, large and plump, ripens early, has a stiff straw of good length. It tethers freely and throws up a large number of stems, and therefore can be sown thinner than ordinary Oats. Is as near rust proof as any Oats can be. Every one who raises Oats should try the variety. An Oat that will yield 65 to 80 bushels to the acre, with ordinary culture, is good enough to raise, and good enough for everybody to make a trial of. On good soil and with good weather it will go far ahead.

Prices, postpaid, per pound 20c; 3 pounds 40c. By express or freight, at expense of purchaser. Per peck 25c; per bushel 65c; 5 bushel lots 50c per bushel. For larger quantities, special prices on application.

Improved Black Tartarian. These Oats were grown specially for seed from pure imported stock from Europe, which we have grown in sufficient quantity to offer this year, so that our customers can have a chance to try its merits. The grain is very large, shiny, plump and full, very thin hull, and it is exceedingly prolific, having yielded at the rate of 100 bushels to the acre, with only ordinary cultivation, and has proved absolutely *rust proof*, where other varieties were destroyed by rust; weighing 48 lbs. to the measured bushel. Peck 25c; bushel of 32 lbs. 75c; 5 bushels and over, 60c a bushel. Larger lots, special price. Samples mailed on application.

The Famous Lincoln Oats. We have had grown for us a very fine stock of these New Lincoln White Oats, introduced in 1893 in the Western States with such grand results, as to its wonderful productiveness, some reporting as high as 174 bushels from a single bushel of seed sown; claimed to have a remarkably stiff straw, standing up well on all kinds of soil; very early, and so far proven entirely rust proof; is very valuable, for seeding on account of its thin hull, heavy meat and soft nib. This is the first season we offer this oats in any large quantity. From what reports we have, we think this oats ought to be grown by every progressive agriculturist, especially when the price we offer them is so reasonable. Price, peck 25c; bushel 32 lbs. 75c; 5 bushels and over, 60c bushel; large lots, special price.

Full weight and full size cotton bags for Barley and Oats, 15c each.

RENEW YOUR SEED STOCK AND GET BIG RETURNS.

We issue special circular and price lists of Barley and Oats later on, which are mailed upon application.

SEED BUCKWHEAT.

The crop of Buckwheat, in 1895, was a short one. The stock is not large; prices may go higher than quoted. Sow from three pecks to bushel to the acre.

NOTE.—Buckwheat thrives on comparatively poor land; can be planted so late as to prove a profitable second crop to follow early grass, peas, potatoes, etc. Good to plow under for green manure.

Early Japanese. Sown at the same time with Silver Hull is about two weeks earlier. The kernels are twice the size of any other Buckwheat, of a rich dark brown color, and manufacture a superior flour. Peck 40c; bushel (50 lbs.) \$1.25.

European Silver Hull Buckwheat. Yields more and produces more flour than the common. Is longer in bloom than the ordinary sort. Husk is very thin, grain is rounder, of a beautiful light gray color. Peck 40c; bushel (50 lbs.) \$1.25.

Common. Selected. The old well known sort. Peck 30c; bushel 75c.

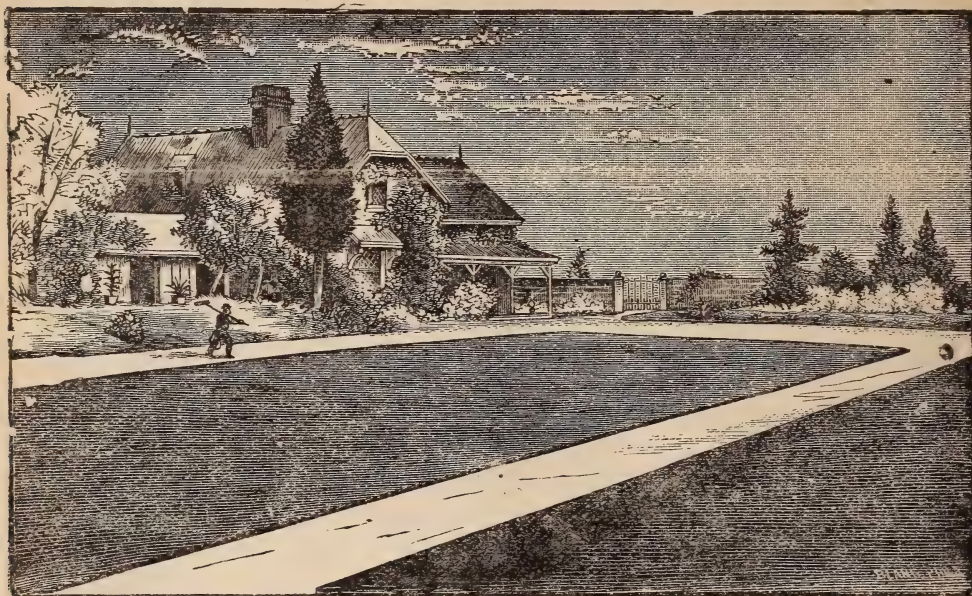
Little Silver Gray. Peck 40c; 50 lbs. \$1.25.

For any quantities and large lots, special prices on application.



THE IMPROVED
AMERICAN BANNER OAT.

LAWN VIEW.



THE HENRY PHILIPPS SEED AND IMPLEMENT CO. *LAWN GRASS*, which we offer, should not be compared with the cheaper preparations advertised. Our combination is of the best chosen varieties and clear of weed seeds. Anyone who purchases cheap, ill-chosen Lawn Grass will soon realize that it is a poor investment, as the crop is a constant reminder of a poorly considered purchase.

Much of the success of lawn making depends upon the preparation of the ground. The land must be well plowed or dug, and harrowed or raked, to secure thorough pulverization, and, if possible, well rolled down and top dressed with a good fertilizer, unless the land had received an application of well rotted stable manure before plowing or spading, otherwise there would be objection to its use, and we would recommend a good grade of super-phosphate or a mixture of phosphate, ammoniated bone, as especially adapted for lawns, at the rate of 500 pounds to the acre, which should be lightly harrowed in and upon the seed-bed. Our Lawn Grass Mixture should be sown at the rate of three or four bushels to the acre, lightly harrowed in and thoroughly rolled. When the young shoots of grass have attained the height of three or four inches, it should be carefully mown with a sharp scythe; after this it should be mown about every ten days with a lawn mower. Frequent mowing is indispensable to maintain turf in good order.

When your lawn has already been established, you will find it greatly to your advantage to renew it every season. As early in the Spring as the weather will permit, have your lawn carefully raked, so as to remove the dead grass and leaves that may be thereon; then sprinkle it with our Mixed Lawn Grass Seed, which will renew the thin places and spots which have been killed by Winter; then give it a dressing with our Lawn Fertilizer Mixture, and finish by giving the whole a thorough rolling; after which the lawn mower should be used every week or ten days. This will make the lawn a source of ever-varying beauty and enjoyment throughout the season.

We have tried all kinds of Lawn Grass Seed, both native and foreign, and confidently recommend our Mixed Lawn Grass Seed as the best in use. It makes a quick and luxuriant growth, and permanently occupies the ground, giving it a velvety evergreen sod, which is the charm of a lawn. Put up in packages, or as wanted.

	Quart.	Lb.	Peck.	Bushel.
The H. P. S. & Implement Co. Fancy Park Mixture Lawn Grass Seed.....	10	20	65	\$ 2 30
" " " " Common " " " ".....	10	15	50	1 75
Extra Fancy genuine Kentucky Blue Grass Seed		15	40	1 30
Choice Fancy Kentucky Blue Grass Seed		15	35	1 20
Best Extra Clean genuine Kentucky Blue Grass Seed.....		10	25	90
White Dutch Clover Seed, Extra Choice.....		25	3 00	10 00
" " " " Prime.....		15	2 50	8 00

If to be sent by mail, add 10c. per pound to prepay postage. Special price in larger lots.

Lawn Fertilizer.—No weeds. No litter around your house. Old and new lawns require stimulating in Spring or in the Fall after season of cutting and heat of Summer. It is chemically prepared, containing only elements to make grass growth; has never failed to produce a rapid and rich green velvety lawn. By using this dressing all unsightliness and disagreeable odors are avoided. No weed seeds will fill your lawns as they frequently do when stable dressing is used. It is very lasting, and by its use worms and other troublesome insects are driven from the soil. Should be sown broadcast at the rate of 600 to 800 pounds to acre, according to condition of lawn. 100 lb. bag \$2.25; 50 lb. bag \$1.50; 25 lb. bag .90; 10 lb. bag 50c. 200 lb. bag \$4.00; special price for larger quantity.

CHOICE GRASS SEEDS, 1895 CROP.

Prices given below for the field varieties are for the present only, as the market changes daily. When you are ready to buy, write us a card for prices.

The crop of Kentucky Blue Grass Seed, in 1895, was an average one and prices reasonably low, but may be some higher later on. There is now considerable Canada Blue Grass grown and sold in the U. S., which can be had at lower prices than the genuine Kentucky grown. For lawn purposes it may do, but for pasture and field crop it is risky on account of containing thistle and other noxious seeds. We understand that even some Kentucky dealers buy this and sell it as Kentucky grown seed.



KENTUCKY
BLUE GRASS.

Kentucky Blue Grass (*Poa Pratensis*). This grass is almost universally known and furnishes a moderate supply of pasture of best quality; varies in appearance and size according to soil. It stands drought pretty well; if let grow up in Fall, without grazing, makes good Winter pasture. Sow in Fall or Spring, at rate of two bushels per acre. Extra choice. Bushel \$1.20; peck 40c; pound by mail 20c. Choice fancy, bushel \$1.40; peck 50c; pound by mail 25c. For larger order, special price. We can furnish a lower grade (extra clean) Kentucky Blue Grass at 80c bushel, but there is but little vitality left in it and do not recommend it.

Meadow Fescue (*Festuca Pratensis*). English Blue Grass. A highly valuable species for permanent grass land. It does not, however, attain to its full productive power till the second year, when it far exceeds most other sorts in quantity of its produce and nutritive matter. It is relished by live stock, both in hay and pasture, and is one of the most desirable permanent grasses for general culture and mixtures for permanent pasture. 20 to 30 lbs. per acre. Per 100 lbs. \$10.00; per lb. 12c.



ORCHARD GRASS.

Orchard Grass (*Dactylis Glomerata*). A rough, coarse, perennial grass, extremely hardy; of all grasses the best for sowing under trees or in orchards; very valuable either for grazing or for hay; one of the earliest to start in Spring, and furnishes abundance of pasture during entire season, wet or dry. Valuable sown with other grasses for pasture; makes excellent hay mixed with Clover. Sapling or Alsike Clover is best to sow with it, as it ripens about same time. Sow in September or Spring at rate of 1½ to 2 bushels per acre. Weight per bushel, 14 lbs. Bushel \$1.25; 40 \$2.00; peck 35c to 60c; lb. 15c.

Sweet Vernal (*Anthraxantum Odoratum*). Very fragrant, especially when bruised. For pasture mixed with other grasses is quite valuable, as it starts early in Spring and grows until late in Fall. By mail, lb. 35c; at store, lb. 25c.

English Perennial Rye Grass (*Lolium Perenne*). A nutritious, permanent grass for meadows and pastures; also for mixing with other grasses for lawns. Bushel 24 lbs. Lb. 10c.

Tall Meadow Oat Grass. A valuable grass for permanent pasture on account of its early luxuriant growth. Makes splendid hay. Lb. 20c; bushel, 13 lbs., \$2.50.

Italian Rye Grass. Lb. 12c; bushel, 20 lbs., \$2.00.

Wood Meadow Grass. Adapted for pleasure grounds under trees; fine for pastures under close feeding. Sow 28 lbs. to acre. Lb. 35c; bushel, 14 lbs., \$4.00.

Meadow Foxtail. Rough Stalked Meadow. Each, per lb. 35c; 10 lbs. and over, 30c per lb.

Hard Fescue, Sheep Fescue, Meadow Soft. Each, per lb. 20c; 10 lbs. and over, 15c per lb.

Herd, or Red Top Grass (*Agrostis Vulgaris*). (14 lbs. to the bushel.) This is a good, permanent grass, well adapted to wet lands, although it will grow with luxuriance on almost any soil, whether wet or dry, and makes a perfect sod. It is the best grass that can be sown on washy lands for holding the soil. In most sections it is highly appreciated for hay, succeeding clover and timothy when they have dried out. It is a good forage plant when kept fed close. It never grows so coarse or hard but that the stalk is sweet and tender, and eaten without waste. It should enter largely into a mixture with other grasses. Sow two bushels to the acre. Lb. 10c; subject to market prices.

Red Top Fancy. Cleaned from chaff and solid seed. (About 50 lbs. to the bushel.) Three pounds thus equaling one bushel of ordinary Red Top. Unlike ordinary Red Top, it can be sown at same time with other grasses, thus avoiding going over the grounds a second time. Lb. 20c; 10 lbs. \$1.75; 100 lbs. \$16.50.

Timothy (*Phleum Pratense*). This well known variety is extensively grown throughout the country. It will produce a large crop. From 10 to 15 lbs. per acre. Bushel 45 lbs. Lowest market price.

We refer to our Catalogue, pages 2 and 3, giving full information as to Grass Seeds. We handle Grass Seeds in large and small quantities.

Write for Special Prices on Grass Seeds before you buy in either Fall or Spring. Also for Prices of other Grasses not mentioned above.

CLOVER AND OTHER GRASSES.

PRICES ON APPLICATION.

HIGH GRADE EXTRA CLEAN CLOVER, TIMOTHY AND OTHER GRASS SEEDS.

We pay particular attention to this part of our business. These Seeds are selected and tested with special reference to their quality. Purchasers may rely upon our best exertions to furnish Grass and Field Seeds, pure and free from noxious and foreign seeds. Our Red Clover Seed, Medium and Mammoth, we aim to keep separate. Our Pioneer brand is of the highest grade. Alsike, Alfalfa and Timothy Seed is specially selected, all cleaned by the best machinery to make it choice. Kentucky Blue Grass, English Rye Grass, Orchard Grass and Red Top, in lots of five bushels or over, no charge for bags. For all other Seeds, cotton bags extra. Prices for Clover and Timothy Seed are subject to constant change. Write for special prices and samples whenever in market. Your orders are solicited, and will receive careful and prompt attention, and will be filled at the lowest market price on receipt of same, unless prices are agreed upon before.

Alsike Clover—Swedish Clover (*Trifolium Hybridum*). So-called from being intermediate in its appearance between the Red and White Clovers, possessing qualities common to both, being productive, sweet and permanent. Is valuable for pasturage or soiling; makes the finest hay sown with or without Timothy. The flowers are a distinct light pink and afford fine pasturage for bees. Sow 8 lbs. per acre. Lb., postpaid, 25c. Per bushel, market price. (Price very low.)

Crimson or Scarlet Clover (*Trifolium Incarnatum*). A more valuable crop than this annual Clover does not exist. As an improver of the soil, or for an early Summer forage or hay crop it is unsurpassed. As a green manuring crop for grain, fruit or trucking crops it gives the very best results, while for improving poor land it has no equal. It succeeds on nearly every kind of soil and is now grown largely in all Middle States, and has succeeded in every State in the Union where tried. Sow 20 pounds to the acre. Lb. 10c; 10 lbs. 75c; bushel of 60 lbs. \$3.50. Ask for our special circular, giving full information and price.

Red Clover (*Trifolium Pratense*). This is the common Red Clover, the seed of which is the Clover Seed of commerce. At lowest market price.

Mammoth Sapling Clover, English Clover. Compared with the common Red Clover, its flower, foliage and stems are of darker color. Is valuable when grown with other grasses for mixed hay, as it ripens later than common Red Clover, about the time Timothy, Orchard and other grasses ripen, thereby making the hay a much better quality. Being a very rank grower, it is coming into general use for soiling purposes. Market price.

White Dutch Clover (*Trifolium Repens*). Grows naturally in pastures in a great variety of soils and situations, and is an indispensable requisite in all parks and lawns. Lb. 20c; postpaid 30c. Market price in quantity.

Lucerne or Alfalfa Clover (*Medicago Sativata*). A perennial forage plant, and when once properly seeded in suitable soil, produces fine crops for years. Has remarkably strong growth, occasioned by roots penetrating ground to great depth, 10 to 20 feet, until they are altogether out of reach of drought. Seed can be sown with any grain crop in Spring, or as separate crop, at rate of 12 or 15 lbs. to acre. Lb. 15c; postpaid 25c. Market price in quantity.

Bokhara Clover—Honey Plant (*Melilotus Alba*). Excellent for bee food, growing well on poor soil. By mail postpaid 20c. per lb. Market price for quantity.

Sainfoin (*Onobrychis Sativa*). A valuable fodder. Market price. Plant on light, dry, sandy soil. 20 lbs. \$1.60; 1b. 10c.

Hungarian Grass. A valuable forage grass and hay, both because of its foliage and nutritious seeds; early; resists drought; does well on light soils. Sow one bushel per acre. Bushel, 48 lbs. Lowest market price.

Common Millet. An excellent early forage grass, with long, broad leaves and nutritious grain. Grows to height of three or four feet. Very early. One bushel per acre. Bushel, 50 lbs. Lowest market price.

German or Golden Millet. Will grow in almost any climate or soil; the yield in hay or seed is large. Lowest market price.

Improved German or Golden Wonder Millet. This is not so early as the common Millet, but yields much larger crop. Southern grown seed is preferred, producing more hay. Northern grown seed is usually hybridized with other Millets and will not grow as tall. Southern grown seed at lowest market price.

The Russian Forage, or New Manitoba Millet. This is largely grown in Russia, British Columbia and the Dakotas, and introduced by us two years ago. Lowest market price.

We refer to pages 2 and 3 of our Catalogue as to Clover Seed, also to our special circular and price list. Write for this and samples before you buy.

We issue a special Millet and Grass Seed circular, giving full information and prices, for which please apply. Millet and Hungarian Seed is generally sown from May 1st to August 1st.

GRASS AND CLOVER SEED.

We are headquarters for Grass and Clover Seed of all kinds. We grow and buy our stock of growers, and keep in stock large quantities of Clover Seed and other Grass Seeds, cleaned by the most improved electric machinery. Our Clover Seed, Medium and Mammoth, is kept separate and not mixed, as is generally the case of most all the Seed sold and bought on the Exchange and of commission and export seed houses. Our prices are as low as any reliable seedmen can sell such Clover and Grass Seeds for. Of course we do not pretend to compete with the Exchange and commission house prices, where good and indifferent seeds are mixed and sold at low prices. It is better every time to pay a little more and get the genuine unmixing and clean seed. Clover is the foundation of all farming. It would even pay the farmer if he had to give \$10.00 per bushel for it. We are in position to save you money every time on Grass and Clover Seed. Send us your order, or apply for prices, pamphlets and samples.

OUR SPECIAL GRASS MIXTURE

FOR HAY AND PERMANENT PASTURES.



"One thing is certain, that good pasture land is the foundation of the riches of a farm."

The past years have demonstrated the necessity of devoting more attention to good pasture. Most of the farmers have not yet learned that a pasture or meadow of Mixed Grasses is far superior to Clover and Timothy alone, but such is the case.

There is an increasing demand for grass seeds for remaining down for two or more years, and in the present depressed condition of agriculture, the system of extending the period during which rotation grasses remain down has many advantages, while the cost of suitable seeds is much less than those for permanent pasture.

GRASS MIXTURE FOR PERMANENT PASTURES.

The base of this special mixture is ORCHARD GRASS, which yields as abundant crops as the ordinary mixture of "Timothy and Red Top," and is also a *much more permanent grass* than Timothy; with the great luxuriance of its aftermath, it possesses remarkable power of enduring the cropping of cattle. Besides Orchard Grass this mixture is made up of *our Northern Red Top* (which grows taller and makes better hay than the Red Top from the South) and English Rye Grass, Italian Rye Grass, Tall Meadow Oat Grass, English Blue Grass, Kentucky Blue Grass, and Alsike Clover Seed, which gives permanency to the sward. From 25 to 35 pounds should be sown to the acre. This mixture is good on any soil. Price, per lb. 15c per 100 lbs. \$12.00.

FOR MOWING AND GRAZING IN ORCHARDS AND SHADED SITUATIONS.—English Rye Grass, Timothy, Meadow Foxtail Grass, Orchard Grass, Wood Meadow Grass, Italian Rye Grass, Tall Meadow Oat Grass, Mammoth Clover, Red Top Grass, and White Clover. Allowing 20 lbs. per acre. Per lb. 12c; per 100 lbs. \$10.00.

FOR PASTURES ON ANY SOILS.—Timothy, Meadow Fescue Grass or English Blue Grass, Meadow Foxtail Grass, Red Top Grass, Orchard Grass, Kentucky Blue Grass, Lucerne Clover, Alsike Clover, White Clover. Allowing 20 lbs. per acre. Per lb. 15c; per 100 lbs. \$12.00.

FOR ORDINARY PASTURE.—Orchard Grass, Kentucky Blue Grass, Timothy, Red Top, Red and Alsike Clover Seed. Allowing 25 lbs. per acre. 10c per lb.; \$8.00 per 100 lbs.

FOR WOOD AND NEW GROUND PASTURE.—We have a mixture of the following grasses, which we offer at such price that any one who has any room and need for same will no doubt avail themselves of our very low price. Orchard Grass, Blue Grass, Red Top Grass, Timothy, low grade Alsike and other Clovers. Allowing 30 lbs. per acre, 6c per lb.; \$4.00 per 100 lbs.

PROSPECT, MARION CO., O., Dec. 14, 1895.

THE HENRY PHILIPPS SEED AND IMPLEMENT CO.

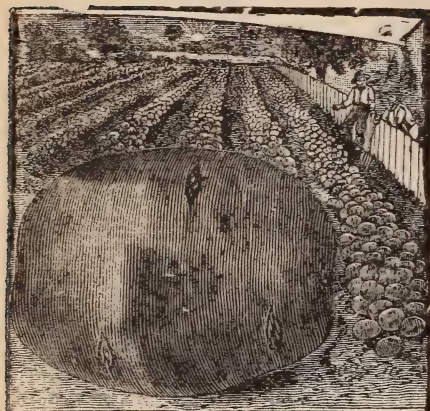
Please send me your price list of seeds, etc., and your 1896 Catalogue when ready. I have used your garden and Melon Seeds for two seasons and they are No. 1. I ordered one of your 75 cent assortments of garden and Melon Seeds, last Winter and they all gave the best of satisfaction. The season was very dry with us, but in spite of the drought we had more Melons than a large family could use. Your seeds are just as you recommend them. Thanking you for past favors, I remain your friend,

W. H. BECHTEL.

PRICE LIST OF CHOICE NORTHERN GROWN SEED POTATOES.

CHANGE YOUR SEED.

GROWING POTATOES FOR SEED HAS BEEN A SPECIALTY WITH US FOR YEARS.



IMPROVED EXTRA EARLY OHIO.

deliver F. O. B. at Toledo, at prices quoted. Our barrels contain 165 lbs. net.

PRICES GIVEN ARE SUBJECT TO VARIATIONS WITHOUT NOTICE.

EXTRA EARLY SORTS.

	½ Peck.	Peck.	Bushel.	Bbl.
Early Farmers' Alliance (new; the largest early Potato out)	20	35	\$1 00	\$2 75
Early Wonderful Freeman (from original stock)	20	35	1 00	2 75
Burpees' Extra Early (from original stock)	20	35	1 00	2 75
Early Toledo Market	20	35	1 00	2 75
Early Puritan (new)	20	35	1 00	2 75
Early Beauty of Hebron (a beauty)	20	35	1 00	2 50
Early Maine	20	35	1 00	2 50
Early Ohio (pure)	20	35	1 00	2 75
Early Ohio Junior	25	40	1 20	3 00
Early Rose (medium early)	20	30	1 00	2 75
Monroe Seedling (new; late)	20	30	90	2 50
White Star (very choice; late)	20	30	90	2 50
Empire State (late)	20	30	90	2 50
Burbank (late)	20	30	90	2 50
Burpees' Superior (medium early; a good keeper)	20	30	1 00	2 50
Rural New Yorker No. 2 (new; a very heavy cropper)	20	35	1 00	2 75
Delaware (new)	20	35	1 00	2 75
Carman No. 1 (the great new Potato)	30	60	2 00	5 50
Carman No. 3 (the greatest new Potato ever introduced)	50	90	3 50	9 00

Single lb. 10c; by mail 20c; or 3 lbs. by mail 50c. of any of the above varieties, except Carman No. 3, which is twice this price.

These prices are binding only so long as our stock of any variety remains unsold. Potatoes grown in our section and Northern Michigan are far better for planting in the Middle, Southern and even Eastern States than the Western grown, in earliness, yield and quality, and should be preferred by all who grow for market or in private garden.

Improved Extra Early Ohio. Is a splendid Potato for general crop; or, as a market gardener wrote: "It's the boss for very early; the boss for medium; the boss for late; the boss Potato for everybody." Some sections in the U. S. had enormous crops of Potatoes, but the crop of early Ohio was not so heavy on account of the drought in the early part of the season and they were marketed early at high prices, therefore good early Potatoes are not so very plenty. (See price list.)

Early Farmers' Alliance. This valuable new early Potato is from a hybridization of the State of Maine and the Early Vermont, and after five years of trial proves to be one of the very earliest and most productive. Shape is about the same as the Early Vermont. The flesh is white and fine grained; it cooks dry and meaty and is of superior flavor. These admirable qualities it has when first dug, and retains them till late in the Spring. The foliage is deep green in color, very vigorous. The tubers are borne in a compact bunch; bug and mildew proof. (See price list.)

Toledo Early Market, Six Weeks Potato. Especially recommended for early marketing because it is extra early and of fine quality, cooking well as soon as it obtains marketable size. Tubers similar to **Early Rose**, large, light pink or flesh color. An immense yield; flesh very white; cooks dry and mealy. Good keeper quality being excellent till planting time, (See price list.)



EARLY OHIO JUNIOR,

Ohio Junior. (Extra Early). This new Potato originated as a chance seedling; it is without doubt in some way related to that good old sort the "Early Ohio," as it is almost identical with that variety in the form and marking of the tubers, habit and growth, etc. The tubers are oval-oblong, with full eyes that are almost even with the surface. It is an excellent keeper, very productive, of fine quality, and has proved to be a most valuable addition to our list of Extra Early varieties. There is a short crop of this variety this year. (See price list.)

Early Puritan. This new early Potato is of handsome, oblong shape; the skin and flesh are pure white. It cooks dry and floury, and is of excellent quality; very productive. (See price list.)

Burpees' Extra Early Potato. One of the earliest and best extra early Potatoes. First introduced in 1890, it has been thoroughly tested throughout America and England, and has fully sustained the claims made for it. Is of the very best table quality; immensely productive and one of the standard extra early Potatoes now in the market. (See price list.)

Early Beauty of Hebron. One of the best early sorts; productive and of excellent flavor; a good keeper; pure white skin and flesh, and a beauty. (See price list.)

Early Maine. This Potato originated from a seed ball of the Early Rose; resembles its parent in color, but neeker shaped and smoother, and far superior in productiveness and quality. Our stock is very choice. (See price list.)

Early Rose. Every cultivator of the Potato, both far and near, is familiar with the Early Rose. It was the pioneer of all the improved varieties; its highly extolled character has not depreciated. Good stock is not plentiful. (See price list.)

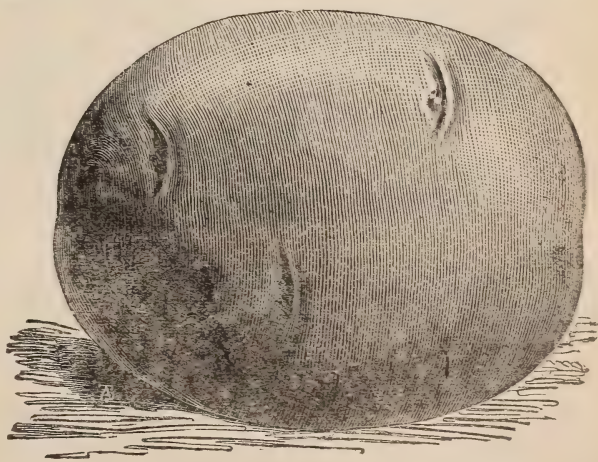


THE GREAT EARLY FREEMAN POTATO.

The Great Early Freeman Potato. This new extra early variety was first introduced four years since under the broad claim of being the greatest Potato introduced since the Early Rose. It has made a wonderful record, giving enormous yields in all sections where grown. It has a handsome shape and beautiful russet skin, and is fully equal to the old Snowflake in eating qualities. It will pay every tiller of the soil to plant The Freeman. (See price list.)

Rural New Yorker, No. 2. A splendid intermediate and main crop Potato, originated on the experimental grounds of the *Rural New Yorker*. It is most distinct in appearance and could readily be distinguished among a hundred other varieties. Very large and unusually smooth, with few and shallow eyes; in form oblong, inclined to round flesh white and of superior quality. The vines are very strong and the yield handsome tubers of great uniformity; wonderful cropper. (See price list.)

Burbank's Seedling. The old standard, still quoted high in the market. Large, white, long, smooth Potato; the best for market. The genuine stock of northern grown seed. (See price list.)



RURAL NEW YORKER, NO. 2, POTATO.

White Star. One of the most profitable sorts to grow for the market. Whether baked or boiled, its purity of color, fine floury texture and delicate flavor are very attractive. The tubers are oblong, large and very handsome. (See price list.)

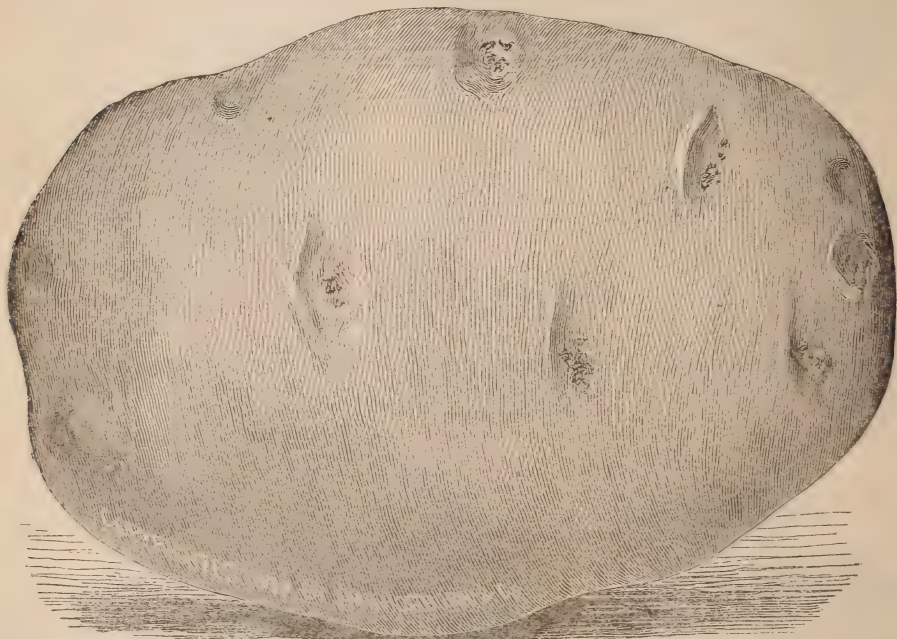
Empire State. A main crop oblong variety, wonderfully productive; does well on almost any soil. The skin is white and smooth, flesh pure white, of fine flavor. (See price list.)

The Delaware. A new variety. Medium early, white, slightly flattened, one of the best for main crop. Has done excellently well this season. Mr. Gregory did not go far wrong when he sent out this variety with his strong endorsement. (See price list.)

American Wonder. A good all round productive late variety for general field culture. The tubers are white, large and uniform in size; elongated, slightly flattened; few eyes, nearly flush with the surface; quality excellent, either baked or boiled. This is the second time we offer this wonderful Potato. As it stood our trial test so well last season, we highly recommend it. (See price list.)

Burpees' Superior. Long, round or slightly flattened; skin pure white; netted; eyes small and even with surface, giving it a very smooth, handsome appearance. (See price list.)

Monroe Seedling. A very productive vigorous grower; its large, long, smooth, white tubers render it so valuable that it has become very popular. (See price list.)



CARMAN NO. 1.—A HANDSOME POTATO—(SEE PRICE LIST.)

The New Potato, Carman, No. 1. has the peculiarity of being a seedling from seedlings raised through several generations; is intermediate between early and late in ripening. It has but few eyes and these shallow. The flesh is white as flour, and the quality perfect, being not only dry but of excellent flavor; is a hearty, vigorous grower, the vines being remarkably stout and stalky. A great cropper, the tubers are extra large, with hardly one among them below market size. We have raised the Carman No. 1 on our grounds the past season, and are exceedingly pleased with it. We heartily recommend it to all our customers; it cannot fail to give satisfaction. *Ripens in time to sow ground to wheat and rye.* Our stock is grown from specially selected seed of original stock and are free from scab or rot.

Potato, Carman No. 3. This splendid Potato, first introduced this year to any extent, is without any approach to an exception, the *greatest yielder ever introduced.* It may fairly be claimed that it does not yield any small tubers at all. It bears its tubers very close to the plant, a single turn of the fork turning out every Potato. It is of the *largest size* and of the *shapeliest form*, almost similar to Carman No. 1. It is a perfect keeper; that is, it will not sprout up to planting time, unless kept in a warm place. Both skin and flesh are of extreme whiteness. Eyes few and shallow. (See price list.)

N. B.—The Carman Nos. 1 and 3 are yet scarce, therefore be careful from whom you purchase, especially if you are raising for seed.

SEED SWEET POTATOES—Grown especially for Seed purposes in this State and New Jersey, of the following varieties: Yellow Nansemond, Yellow Jersey. Per lb. 10c; bushel \$2.00; bbl. \$5.00. Write for special prices for large quantities. Sweet Potato Plants in their season.

We may have some second sizes and small Early and Late Potatoes at reduced prices, which will be given upon application. When the season opens we may have other Early and Late varieties of Potatoes.

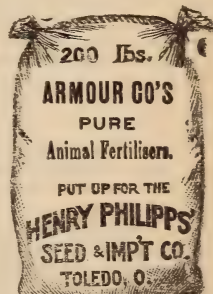
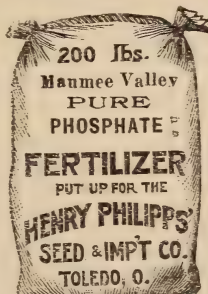
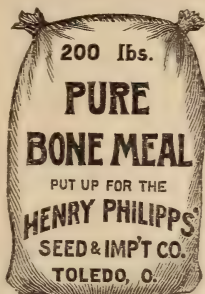
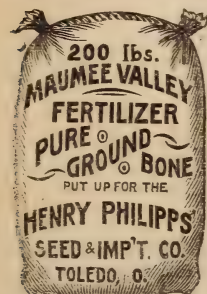
✂ We will issue a Special and General Seed Potato Catalogue, which will be mailed upon application.

FERTILIZERS, PURE AND UNADULTERATED.**MAUMEE VALLEY HIGH GRADE FERTILIZERS.****FEED YOUR SOIL.**

Commercial Fertilizers are sure to come into more general use as fast as they are tried. Their quick and direct action commend them to the gardener and the farmer. A customer who once buys almost invariably continues its use. The enormous quantities sold every year give the best evidence of its utility and value to the gardener and farmer.

OUR FARMER AND GARDENER FRIENDS.

Life is too short for the intelligent to spend any great portion of it in wading through the long drawn out publications of some fertilizer companies. You know that your land needs manure, and we know that we have the goods that will suit you. Bone Fertilizers are the most valuable, and though they do cost a little more than the South Carolina Rock, at the start, they are the cheapest in the end.



Maumee Valley Pure Raw Bone Meal. Pure Bone Meal analysis: Ammonia 6.50 per cent.; Bone Phosphate and Phosphoric Acid 45 to 50 per cent.; Potash 95 per cent. State commercial value \$37.76. Every bag guaranteed pure bone. Price, per bag of 200 lbs. \$3.50; in ton lots, \$30.00. Harrow or drill in, using 200 to 300 lbs. per acre at time of seeding. Small lots by express, not prepaid, 5 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.00.

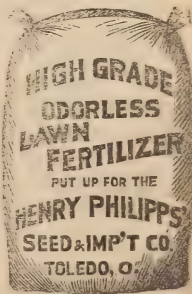
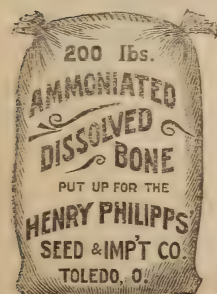
Maumee Valley Pure Phosphate. State analysis: 4.50 Ammonia, Phos. Acid and Insol, 22.67, Potash 88 per cent. This brand of Fertilizer is the purest and best of its kind made. It consists of animal meat and bone only; is very strong; most excellent for wheat, corn, potatoes and vegetables. Price, 200 lb. bags, \$3.00; in ton lots, \$25.00.

ARMOUR & CO'S PURE ANIMAL FERTILIZERS, WITH OR WITHOUT POTASH, AND MICHIGAN CARBON WORKS' HIGH GRADE FERTILIZERS.

Having accepted the agency for these Fertilizers, we are enabled to offer our customers the highest and best grade Fertilizers manufactured (without exception) in the world, of which the following is a partial list:

Bone Meal. Guaranteed analysis: Ammonia, 3 to 4 per cent.; total Phosphoric Acid, 25 to 28 per cent.; total in fine bone, 20 to 22 per cent.; total in medium bone, 6 to 8 per cent. It is very largely used on winter wheat and cereals of all kinds; also on lawns. Price, per bag, 200 lbs., \$3.50; ton lots, \$30.00.

Bone and Blood. Guaranteed analysis: Ammonia, 7 to 8 per cent.; Phosphoric Acid, 10 to 12 per cent.; immediately available, 5 to 7 per cent. Just the thing where a high Nitrogenous Fertilizer is required. Price per bag, 200 lbs., \$3.50; ton, \$30.00.



Ammoniated Bone with Potash. Guaranteed analysis: Ammonia, 2 to 3 per cent.; Phosphoric Acid, 8 to 10 per cent.; Potash—Sulphate, 1.85 to 3.70 per cent. For barley, wheat, oats, clover, beans, rye, peas, cotton, corn, etc., and as a general Fertilizer for Truck Gardeners. Price per bag, 200 lbs. \$3.00; ton, \$26.00.

MICHIGAN CARBON WORKS' HIGH GRADE FERTILIZERS.

Homestead, a Black Bone Fertilizer. Price per bag, 200 lbs., \$3.50; ton, \$30.00.

Homestead Potato Grower. Price per bag, 200 lbs., \$4.00; per ton, \$35.00.

Jarve's Drill Phosphate. Price per bag, \$2.65; per ton, \$25.00.

Call or write for special circular, giving full information and prices as to their whole line of Fertilizers.

Lawn Fertilizer or Lawn Enricher. This is a clean, portable, well prepared commercial fertilizer; a convenient lawn dressing for new and old lawns. It can be applied either in the Spring, Summer, or Fall as a top dressing, at the rate of 1 lb. to 76 square feet. Stable dressing for lawns is objectionable in appearance, odor, weed-seed and cost. Our Lawn Fertilizer overcomes all these, and supplies the soil with requisite food for a uniform and luxuriant growth of grass. Price 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.25; 200 lb. sacks, \$4.00; ton \$35.00.

Pure Bone Meal. 10 lbs. 35c; 25 lbs. 75c; 50 lbs. \$1.25; 100 lbs. \$2.00; 200 lb. bags \$3.50.

Nitrate of Soda. This is valuable solely for the nitrogen it contains, equal to 20 per cent. of ammonia. It is chiefly a stimulant; it is used in addition and mixed with barnyard and other fertilizers. It comes from Chili, and is very quick in action and hastens the maturity of crops. Price, nominal, sack, 200 lbs. \$6.50; half-ton, 30.00; ton lots, \$55.00.

Muriate of Potash. Contains 50 per cent. actual potash. Price, nominal, per bag of about 224 lbs. \$6.50; per ton of 2,000 lbs. \$55.00.

Prices on Nitrate of Soda and Muriate of Potash are subject to market fluctuation.

We have special catalogues of these and all our Fertilizers, giving the analysis, full information, direction and prices, which are mailed upon application.

Pure Peruvian Guano.—(Genuine Lobos Brand).—Free from adulteration. One lb. 10c; 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.50; 200 lbs. \$4.50; per ton of 2,000 lbs. \$55.00. One ton of pure Guano is worth 20 tons of stable manure. Mixed in water (like Paris Green) it is most valuable in forcing garden truck, both in hotbeds and out in the fields.

Kainit, German Potash Salt.—Price, 100 lbs. \$1.50; 200 lbs. \$2.50; ton \$20.00.

Land Plaster or Gypsum—Used by many Potato growers. This is excellent to mix with Paris Green, at the rate of 100 lbs. of Plaster to 1 lb. of Paris Green. Per barrel of about 300 lbs., on cars, \$1.50; 5 bbl. lots, per bbl. \$1.25. We have the genuine New York State gray only.

Ashes—Canada Unleached Hard Wood—Nature's fertilizer. Contains all of the fertilizing elements. Ashes correct sourness in the soil, rendering sandy soils more capable of retaining fertilizers and making clay soils less stiff and more easily worked. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops, and are of high value for cabbages, potatoes, onions, strawberries, celery, fruit trees, corn, clover, wheat, beans, grass lands and lawns. Price, per barrel of about 200 lbs. \$2.50; per ton of 2,000 lbs. \$22.00. Special price in larger lots.

Bowker's Food for Flowers—An excellent fertilizer for house plants. Easily applied by dissolving in water. Clean to handle; without odor; produces rich green growth and profusion of flowers. Price, large package 25c, or by mail 40c.

We issue and will mail upon application, a special Circular of Fertilizers, giving more full information, direction and prices.

POULTRY SUPPLIES.



as cholera, gapes and roup—making poultry one of the most profitable of farm stocks. Imperial Egg Food 1 lb. package 35c; 2½ lbs. 75c; 25 lbs. \$5.00. Also Eggine Egg Food, 1 lb. boxes 25c.

RUST'S EGG PRODUCER

MAKES HENS LAY!

RUST'S EGG PRODUCER supplies those substances, which, when assimilated by fowls, produce

EGGS, GROWTH AND DEVELOPMENT.

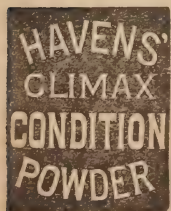
It contains the elements of eggs, and therefore makes hens and tardy pullets lay, exactly as certain foods produce milk in cows or fertilizers increase crops.

Although at half the usual price, it is not too cheap to be the best "Hen Persuader," or Egg Food known. It is so excellent in quality, and so moderate in price, that everybody keeping fowls should use it in summer and winter.

It makes egg producing profitable. Full directions on each package.

PRICES:—1 lb. package, 25 cents; 2½ lb. box, 50 cents; 6 lb. box, \$1.00; 10 lb. box, \$1.50; 25 lb. keg, \$8.25.

If by mail, add 16 cents per lb. for postage.



"Climax" Drinking Fountain, for Fowls.

The best thing yet. Is as convenient to fill and empty as a water-pail. Chicks will not get drowned in it. Price, one gallon size, 75c; two gallon size, \$1.00.

RUST'S HAVENS' CLIMAX CONDITION POWDER.

IS EXACTLY WHAT EVERY STOCK KEEPER AND POULTRY RAISER NEEDS.

Keeps stock and fowls healthy. It always cures Gapes and Fowl Cholera, when used as directed. It expels Worms from Horses, etc., harmlessly. It improves and increases the production of milk. It makes Hogs thrive and fatten. Try this. It is the only reliable Poultry powder. It is not a feed, but an honest medicine at an honest price. All who have used it once will have it again. Price, one package 25c; if by mail, 35c. extra for postage. 5 lb. box (equal to 6 packages), \$1.00. Full descriptive circulars and anything else in line of Poultry Supplies wanted, will be furnished on application.

COARSE GROUND BONE FOR POULTRY.

This is about the size of wheat, and can be fed like any other food, in grain. The phosphate of lime contained in bone assists in the formation of the egg and largely increases the productiveness of hens. Price, 1 to 10 lbs. 5c; 15 to 50 lbs. 3c; 100 lbs. 2½c; in ton lots, 2c.

EXCELSIOR GROUND OYSTER SHELLS.

This is a most important article for the Poultry-yard through the Winter, and should be liberally supplied to the fowls. When everything is frozen or covered with snow, they must be helped out if eggs are wanted. The fact that our "Excelsior Oyster Shells" are ground when green, makes them valuable as an aid to the digestive organs of the fowl. Price, 1 to 10 lbs. 2c; 25 lbs. 35c; 50 lbs. 75c; 100 lbs. \$1.25; barrel, 1c per lb. Special prices on larger lots.

PURE, FINE GROUND BONE MEAL.

For young chicks whose power of digestion is not mature, this will be found an indispensable addition to their food. Price, 1 lbs. 35c; 10 lbs. 40c; 50 lbs. \$1.50; 100 lb. bag, \$2.50; per barrel (about 250 lbs.) 2c per lb.

DEODORIZED BLOOD MEAL.

Blood Meal is a valuable supplemental food for Poultry. Don't fail to give it a trial. 10 lb. package 50c; 50 lb. bag \$2.00; special price in larger lots. For more full information, apply for special circular.

SUNFLOWER—MAMMOTH RUSSIAN.

CULTURE.—The Sunflower, during the past few years, has attracted considerable attention as a profitable field crop, its leaves being used for forage, and its seed for poultry and the manufacture of oil. It is also planted with satisfactory results on low, swampy grounds to avoid miasma.

Mammoth Russian. Striped seed. Price, quart 5c; peck 40c; ½ bushel, 75c; bushel \$1.25. This is one of the best egg-producing foods known for poultry; keeping them in fine condition. Cotton bags, 15c.

Barley for Hens. Price per bushel, 60c.

Mixed Chicken Feed, from 50c to \$1.00 per 100 lbs. as to quality.

Golden Millet. 5c per lb. in lots of 1 to 10 lbs.; 3c per lb. in 100 lb. lots.

China Nest Eggs. Price, each, 6c; per dozen, 25c; by mail, 60c. per dozen.

Insect Destroyer (SLUG SHOT.) 5 lb. package, 30c; 10 lb. package 50c.

MANN'S AND WILSON'S PATENT

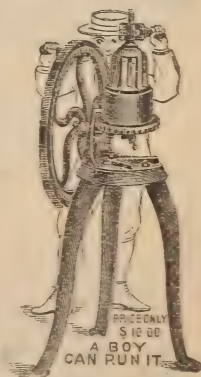
Hand and Power Green Bone, Shell, Corn Mills and Cutters.



Will successfully cut Fresh Market Bones, with Meat and Gristle attached. Valuable implements for the Poultryman, Gardener and Housekeeper. They will take whole Oyster or Clam Shells and Bones of the same size, and crush a peck in 15 minutes. Also grinds Stale Bread, Crackers, Roots, Spices, etc.

We have MANN'S AND WILSON'S patent full line Bone and Vegetable Cutters for hand and power, at from \$5.00 up to \$250.00. For full description, information and price, please apply for special circulars and direction.

Linseed or Oil Cake Meal. Genuine old process. Experienced feeders claim it to be the most profitable food for Beef Cattle, Cows, Horses, Sheep, Hogs, Fowls, etc. Keeps stock in healthy condition. Makes fine, palatable meats more tender and juicy. A wonderful food for milch cows—increased quantity and quality of milk, butter and cheese. A double gain in rich manure that is left. Oil Cake Meal, like cooked food, is easily digested and shows good results. Prices subject to change. Price, per 100 lb. bag, \$1.25; per ton, \$22.00. No charges for bags. Royal Stock Feed for Horses, Cattle, Hogs, Sheep and Poultry. Subject to change of price without notice. For large lots apply for prices, as we may be able to sell for less than here quoted.



POWDER DUSTER.

FOR PUTTING PARIS GREEN AND SLUG SHOT ON POTATOES, VINES, ETC. The Canister is a very handy implement for general use on small trees, bushes, flowers, or conservatory. It is very useful. Price of Canister filled with powder, 25c.



40 cents. Gallon Dusters. 75c.

¾ Gal. 25c. Canister.

An Infallible Insecticide or Insect Destroyer.

40,000 TONS OF IT USED WITH SAFETY TO MAN AND BEAST. ITS EFFICIENCY IS CONCEDED BY ALL WHO MAKE THOROUGH TESTS.



TRADE MARK.

What is SLUG SHOT? Slug Shot is an impalpable powder, a combination of insecticides; poisonous to insects preying upon vegetables, and withal an excellent fertilizer, affecting nearly all classes of insect life, so that they either die or leave for parts unknown. IT KILLS THE POTATO BUGS in all stages of their growth. IT KILLS THE BLACK FLEAS on Cabbage, Turnips, Beet, Radishes and Egg plants. Apply by dusting over the plant. IT KILLS THE CABBAGE WORM, and also the Curren and Gooseberry Worm; the Aphis or Green Fly on Roses and other flowers. Has prevented the ravages of the Curculio and Canker Worm on Fruit Trees; used for Beans, Melons, Squash, Cut-Worms, KEEPS THE STRIPED BUGS FROM ALL VINE CROPS. For full information and

testimonials from all sections of the United States, apply for pamphlet—"Hammond's Slug Shot and its Uses." Slug Shot is put up in 5 and 10 lb. bags, and in flour barrels, loose, that contain 235 lbs. each. It is applied by duster or bellows. Price, for 5 lb. package 30c; 10 lb. package 50c; 100 lbs. 4c. per lb; full barrel, in bulk, 3½c. per lb. Special price in ton lots. Full directions on every package.

Grape Dust.—A non-poisonous powder for the remedy and control of mildew and rot on grapes, gooseberries, roses, etc. Price, 5 lb. package 35c; 100 lb. keg \$5.00. Apply with bellows or powder gun.

The Flour of Tobacco and Sulphur will prevent and cure mildew on grapevines and rose bushes. It will destroy the green and black fly, grubs, cut-worms, lice and the eggs of insects, mealy bug, and the red spider. Pulverized, in packages, at 25c. and 50c.

Carbolic Soap.—For freeing animals from insects and washing the bark of trees and plants for scale, lice, etc. Price, 4 oz. package 10c., or by mail 15c. Directions: Dissolve 2 oz. to a gallon of water and apply with brush, sponge or spray.

Whale-Oil Soap.—An effectual remedy for destroying and preventing insects on plants, trees, vines, etc.: for washing down the bark of trees, grapevines, etc. In cans, with directions, 15c., 25c., 50c.

Hellebore.—For destroying Rose Slugs. One or two applications are usually sufficient for a season, and it is thoroughly effective. Per pound 20c; by mail 40c.

Pure Paris Green.—For destroying Potato Bugs. It is effectual for destroying that pest. Directions for use with each package. 25c. per lb.; by mail 40c; 10 lbs. for \$2.00.

London Purple.—Very poisonous and equally as efficacious as Paris Green, and more soluble in water. Price, 25c. per lb.; 10 lb. lots and over at 20c. per lb. If by mail, add 15c. per pound for postage. Use in the same way as Paris Green.

Tobacco Dust.—For cabbage worms, caterpillars, etc. Very effective, being leaves and not ground stems; much used in vegetable hot-houses. Lb. 10c; by mail, postpaid, 25c; express, 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.00.

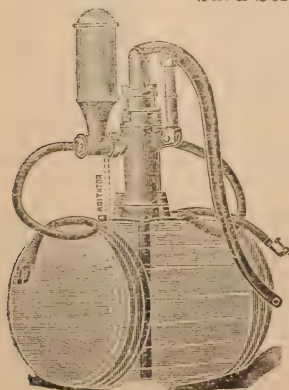
Bordeaux Mixture.—For Black Rot, Downy Mildew and Anthracnose of Grapes, Potato Blight, Potato Rot, Leaf Blight of Cherry, Pear, Quince, and other Fungus disease. 20 lb. package (50 gals. wash), \$1.00. Special price in barrel lots.

Blue Vitriol.—Now very extensively used in spraying grapevines, in large vineyards and orchards. Price from 6 to 10 cents per pound, according to quantity.

Fir Tree Oil Soap.—To all interested in the production of fruit and flowers the effectiveness of Fir Tree Oil, as an insecticide, is well known, and we recommend it as the most satisfactory yet produced. In ½ pound tins 25c. each. 1 oz. makes one gallon.

SPRAYING PUMPS AND OUTFITS.

Spraying Fruit Trees by Hand and Horse-Power. Spraying is no longer an Experiment, but a Science and a necessity to secure a Crop of Fruit.



OUTFIT B.

Outfit B—Spray Pump with 2½ ft. 1 in. iron suction pipewit brass strainer and two leads 10 ft. each, ½ in. discharge hose with Masson (or other) spray nozzle. \$9.00; \$8.00 for a Pump with one lead only.

Maud S.—Double acting Spray Pump, as used in a barrel. Price of Pump, with five feet of hose and spray nozzle, \$8.00.

Standard.—Double acting Spraying Pumps, \$7.00.

Pumps with barrel carts, \$10.00 to \$15.00. They also can be mounted on wagons and plank sleds at a very trifling expense and trouble. We can guarantee these outfits to give good satisfaction. Special circular, giving full information and directions, upon application.



LEGGETT'S PARIS GREEN OR DRY POWDER GUN.

For Orchard, Vineyard, Garden or Potato Field. Distributes Paris Green, Sulphur, "Fungoid," (a powdered Bordeaux Mixture) or any dry powder. THOUSANDS IN USE. Illustrated Circular on application.



A Wonderful Invention Light, Swift, Easy, Safe, Strong and Cheap.

Circular gives full information as to the mixtures and cost of different powders, etc. The price of **LEGGETT'S GUN**, complete, with four extra tubes, five nozzles, oil can, two straps, as illustrated, is \$7.00.

The Lenox Sprayer.

The Only Machine on the Market that will Spray UP or DOWN!

You can spray vegetables growing low or high from the ground. Our Bulb with Patent Combination Valve does it all, simply by turning the nozzle in direction you wish to spray. Press your thumb you get your spray. Release the pressure and you stop the spray. To spray vines and trees, point nozzle upward. You will reach 15 feet high.



The Lenox Sprayer weighs, full, 50 pounds. The straps are provided with buckles and are adjustable to fit a boy or man of any size. It is also provided with a fine strainer cloth at the top, where the liquid enters, to prevent leaves or dirt from getting into the Sprayer, thus, impossible to clog up the nozzle. A man with one of these Sprayers will only use one-half the Paris Green that is required by the whisk-broom or any other method, the spray being a mere mist. No waste whatever. No burning of the vines by large drops. You will only require to take out one barrel of water to the field, instead of four by any other method. The most economical and perfect working apparatus on the market. It pays for itself by very little use. Capacity, 24 quarts. Warranted, with reasonable care, for four years. With single attachments, as shown in the cut, \$3.50; or with double sprinkling attachments, for two rows at once, \$5.00.

PATENT POWDER GUNS.



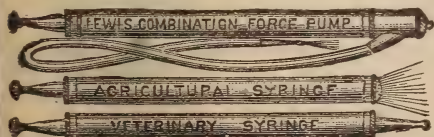
Insect Powder Guns. The most popular in the market, with screw cap, in place of cork, which allows a larger opening for filling with powder. We have several sizes. Price, 10c, 15c, 20c, 25c, each. Per dozen, 80c, \$1.00, \$1.25, \$2.00. These are the best. They will last a lifetime. Never fail to completely destroy Bedbugs, Roaches, Moths, Mosquitoes, Flies, Fleas on Dogs, Lice on Birds, Animals, Plants, etc.



Bellows of different sizes, with patent Powder receivers which cannot choke up; also Vaporizing Bellows, 12, 16, 24, 30 inch. Price, 75c, \$1.00, \$1.25, \$1.50, \$2.00.

Scollay's Rubber Sprinkler. Indispensable for Floral work and Window Gardening; invaluable when once tried. Very useful for dampening clothes or sprinkling in any way. Beware of imitations, as this is the best. Price, \$1.00. Same style, medium, 60c; small, 50c.

Scollay Putty Bulbs, for Glazing. A pressure with the hand ejects the putty along the sash bars; Price, \$1.00 each; by mail, \$1.10.

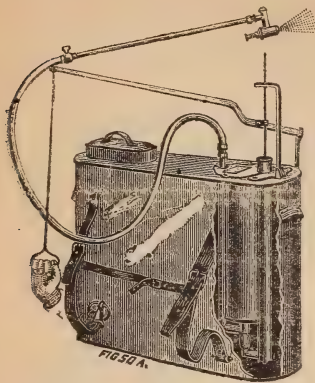


Lewis' Improved Combination Force Pumps.

SINGLE AND COMBINED IN SETS.

Three complete machines. Best first-class Hand Force Pumps in the world. Fitted with Lewis' Patent Expansion Rubber Valve for putting poisonous liquids on potato vines, but would recommend the double cupped leather valve for

trees, flowers and greenhouse use. Far the best low-priced Syringe in the market. Price, for zinc syringe, \$1.25; all brass syringe, \$1.50; combination set, \$4.50. Call or write for circular.



Philipps' "Handy" Knapsack Spray Pump.

FOR ORCHARD, VINEYARD OR FIELD SERVICE.

Our Improved Knapsack Spray Pump which we have designed and which experience will, we feel confident, prove to be the best Pump of this character upon the market. The Pump itself is made entirely of brass and copper, with rubber ball valves and metal plunger, all of which are easily accessible and can be, therefore, readily examined and repaired. It is so arranged and stayed in the reservoir that it is capable of doing long and continuous service and will not easily get out of order.

The discharge in our New Improved is at the bottom, and the Pump can therefore be entirely drained of the liquid. We can arrange Pump in the reservoir to be operated by either the right or left hand as desired, although we shall make them locating the Pump to be operated by the right hand, unless ordered otherwise.

The reservoir is made of heavy copper, and will hold about five gallons of liquid.

"Handy" Knapsack Sprayer, complete as shown in cut, with $3\frac{1}{2}$ feet of $\frac{3}{8}$ inch Discharge Hose, Vermorel Nozzle, \$10.00; with Vermorel Nozzle, with 18 inch Lance and Lever, \$11.50.

Philipps' Horse-Power Sprayer.

ESPECIALLY DESIGNED FOR SPRAYING NURSERY STOCK, GRAPE VINEYARDS AND POTATO FIELDS.

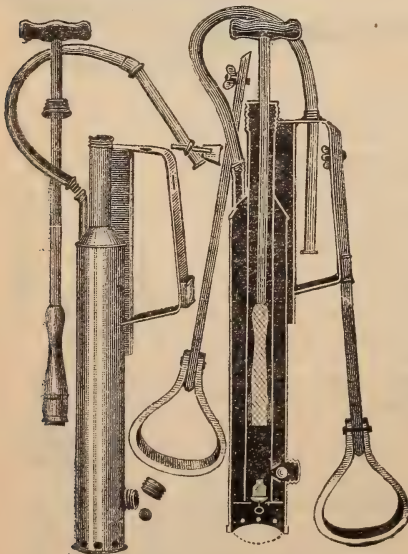
This machine has a heavy hard wood frame, and tank holding 50 gallons; has strong iron wheels, 3 feet 2 inches diameter, 3 inches wide. Price, piped for Vineyard Spraying, with thills for one horse, with four Vermorel Nozzles, \$50.00; price, piped for Spraying Potatoes, with pole for two horses, with three Vermorel Nozzles, \$60.00. Two 10 foot sections of hose and two Vermorel Nozzles for orchards. We sold several of them and they have all given the highest satisfaction. For more full explanation of the machine, ask for special circular of same.

THE TOLEDO SAFETY POTATO-BUG WAGON.

This is one of the best constructed and most practical invented outfits ever offered. It thoroughly poisons four rows at once, two acres per hour, twenty acres per day; will last a lifetime. For further particulars apply for illustrated circular, giving full description and information. Price, with 45 gallon cask, \$45.00; price, 60 gallon cask, \$50.00.

Improved Lawn Pump and Fire Extinguisher.

This is the best Pump for the money on earth. Every farmer, gardener, liveryman, storekeeper and family ought to have one. Price, \$1.50.



IMPROVED LAWN PUMP.

Empire Double Acting Well Force Pump—For shallow or deep wells, open driven or drilled. We can furnish these Pumps for deep or shallow wells with common top or windmill top, as wanted. Universal bushing, adapting Pumps for shallow or deep wells, strainer and hose connection go with each Pump and are included in prices given here. Three-way cock and connecting rod also furnished if wanted, so you will have to acknowledge this Pump to be the most complete Pump ever offered for sale. Pump complete with brass lined cylinder (shallow or deep well), \$9.00; extra for brass body cylinder, \$1.50; extra for windmill top, 50c; extra for three-way cock, \$1.50. This makes it the best and cheapest Windmill Pump in the world.

We carry in stock a full line of Wood and Iron, also Combined Lift and Force Pumps of all sizes; Well Curbing Fixtures, Galvanized Chain, Rubber Buckets, Iron Pipe, Wood Tubing, Garden Engines. All of



these goods sold at the very lowest price. Circulars and prices mailed on application.

We have also other Spraying Pumps, greenhouses and conservatory syringes, of different kinds, sizes and prices, not enumerated in our catalogue for want of space, and will be pleased to mail circulars and give all information and prices upon application.

Double Acting Spraying Force Pumps.



AQUAJECT.

PHILIPPS' BUCKET PUMP.

NO. 1.

Aquaject Portable Hand Force Pumps.—The easiest and most powerful Garden Force Pumps ever produced. Fitted with suction hose to draw water or other liquids from a pail or other source, even 20 or more feet off. A perfect miniature fire engine of brass and malleable iron. Serviceable for house,

garden, orchard, washing buggies, etc. With suction and discharge hose, brass discharge pipe and sprayer and agitator. Price complete, \$4.00.

Standard Bucket Automatic Brass Spray Pump and Fire Extinguisher with Agitator.

This Spray Pump is constructed with a Brass Coil Spring between the cylinder and the air chamber, which causes the

plunger to move upward, doing the pumping and holding the cylinder down. The forcing is done on the downward stroke of plunger, thereby the Pump is held down firmly and steady while in operation, without the means of foot rest or clamp to hold it in position. The entire Pump, including Air Chamber, Piston Rod and working parts are constructed of brass; has a rubber suction and lift valve, all of which is not affected by the poisonous arsenites used in the different formulas for spraying Fruit Trees, Vines and Shrubberty. Is equipped with combination spray nozzle; will throw a spray as fine as mist or coarse as is required. It has a large air chamber and reservoir; throws a continuous, even spray all the time, with but little effort on the part of operator. It will throw a solid stream fifty feet. Price, with half-inch three-ply hose, fitted complete with combination fine spray and solid stream nozzles, \$3.00. An 8-foot pipe extension is necessary to spray large trees, 50c extra.

Philipps' Improved Bucket Spraying Pump—This all brass hand Force Pump has all the latest improved points, and we guarantee every Pump to give entire satisfaction. Price, \$3.00; 3 for \$8.00; 6 for \$15.00.

No. 1, Brass Portable Spray Pump—No. 1 represents our new Brass Portable Spray Pump equipped with "Calla" spray nozzle. This Pump sets in bucket, requiring no suction hose. It will be noticed that this Pump is provided with Agitator, especially adapting it for spraying. We furnish discharge hose, etc. Price, with $3\frac{1}{2}$ feet $\frac{1}{2}$ inch discharge hose and "Calla" spray nozzle, \$3.00.

We have in stock different kinds of the latest improved Spraying Pumps and Outfits. Our prices are lower than ever known, and will be pleased to submit prices and mail special circulars, giving more full description and information to all who may favor us with their application. The foregoing is a partial list of our outfits.

BINDER TWINES AND ROPE. (QUALITY GUARANTEED.)



PURE MANILA.

STANDARD MANILA.

PURE SISAL.

Pure Manila runs 650 feet to lb.; Manila, not pure, runs 625 feet to lb.; Standard Manila, mixed with New Zealand color, same as Manila, but fibre not so good, sold by many as Manila, 600 feet to lb. Pure Sisal, natural color, 500 feet to lb.

American and Russian Hemp, also Jute Binder Twine of best quality, at rock bottom prices.

Manila Rope, 1, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch. Sisal Rope, 1, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 3-16 inch.

Our Twine and Rope are of unequalled make, and prices as low as first quality Twines can be sold by any reliable business firm in this country. Samples and prices (naming amount wanted), upon application.

Gardening and Horticultural Tools.

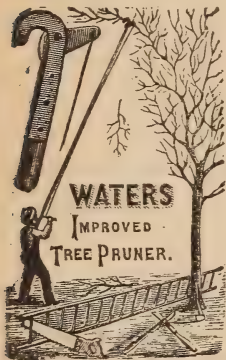
A full line, of which we will mention the following :

Butter Workers.....	\$3 50 to \$20 00
Floral Tools, for ladies, per set	30 to 2 00
Forks—Digging and Spading, Hay or Stable.....	50 to 1 50
Forks—Manure and Short Handled.....	30 to 1 25
Garden Lines—Finest	50 to 75
Grafting Wax, in $\frac{1}{4}$, $\frac{1}{2}$ and 1 lb. packages, per lb.....	25 to 30
Grass Hooks, each	25 to 50
Grass Edging Knives.....	50 to 1 00
Hoes—a full line.....	25 to 1 00
Rollers—Garden and Field.....	9 00 to 50 00
Scythes—Brush; short blade.....	75 to 1 25
Scythes—English and American, Lawn, Grass and Grain, cast steel, in sizes.....	75 to 2 50
Scythe Stones—different kinds, 75c per dozen; each.....	5 to 10
Saws—Pruning and Grafting.....	60 to 1 50
Transplanting Trowels.....	15 to 50

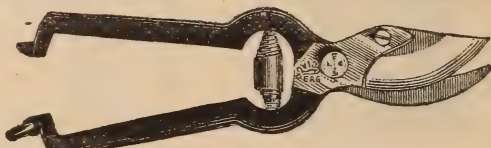


Weeders—Lang's, Noyes and other makes. Price, 25c.

Greenhouse Syringes, \$1.25 to \$6.50.



Price, \$1.00 to \$2.00.



Pruning Shears—Solid Steel, improved Springs and others, 50 cents up to \$1.00 each.



15c.



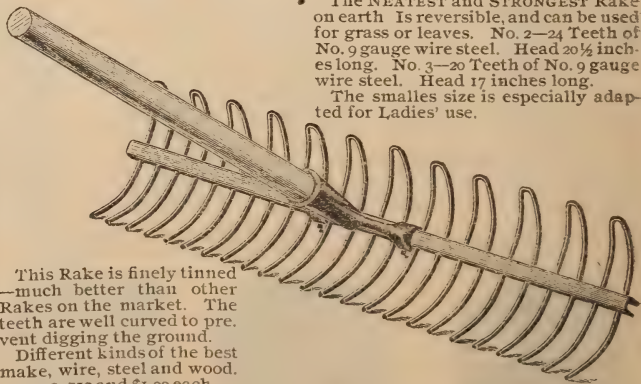
The Wilson Spring Whiffletree.
Price, pair, \$1.40, \$1.65, \$1.75.



Churns—Batcheller, Union, Blanchard, all sizes.

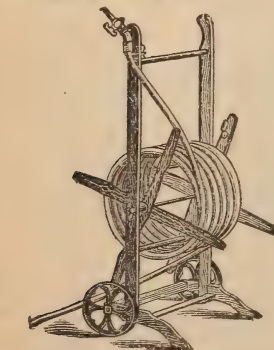
THE "LAWN QUEEN" RAKE.

- The NEATEST and STRONGEST Rake on earth. Is reversible, and can be used for grass or leaves. No. 2—24 Teeth of No. 9 gauge wire steel. Head 20 $\frac{1}{2}$ inches long. No. 3—20 Teeth of No. 9 gauge wire steel. Head 17 inches long. The smallest size is especially adapted for Ladies' use.



This Rake is finely tinned—much better than other Rakes on the market. The teeth are well curved to prevent digging the ground.

Different kinds of the best make, wire, steel and wood. 15c, 50c, 75c and \$1.00 each.

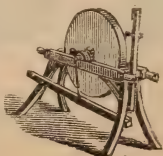


HOSE, RUBBER.—Three-ply, extra heavy. We have sold a large quantity of this grade, and it has given general satisfaction. Very durable and best for general use. We keep it in lengths of 25 and 50 feet, and these we do not cut. Price $\frac{3}{4}$ inch (including couplings) per 25 feet, \$4.00; 50 feet, \$7.00; 100 feet, \$13.00.

HOSE REEL.—"The Success" Price, with capacity for 100 feet $\frac{3}{4}$ inch hose, \$1.50. Reel for 200 feet hose, \$3.50.

HOSE NOZZLE.—"GEM."—New, throwing all variations, from fine spray to stream. Price, 50c, 75c, \$1.00.

Grindstones, mounted and others.



Finest Lake Huron, all sizes.



Hedge Shears, best English Steel, 8, 9 and 10 inch.



Transplanting Dibbles, 40c.



Hotbed Cloth.



Mole Traps (Olmsted,) Price, \$1.50.

Protecting Cloth, specially prepared, to prevent mildewing and rotting, valuable for forwarding and protecting early plants from frosts, covering hotbeds and frames in Spring in lieu of glass, and for throwing over bedding plants at night in Fall, for Chrysanthemum houses, etc., at one-tenth the cost of glass. Pieces contain from 40 to 60 yards. Heavy grade, per yard, 11c; by piece, per yard, 10c. Medium grade, best for general purposes, per yard; 10c; by piece, per yard, 9c.

Haying Machinery and Tools.

The Jaynesville Hay Tool Co., Dead Lock Reversible Hay Carrier. Sole agency.

THE BOSS. The lightest and strongest made Reversible Carrier, for wood track. This Carrier is used more extensively throughout the United States than any other Carrier made. It is made entirely of malleable iron. Strickler's new Reversible Dead Lock and Swivel Steel Track, Hay Carrier, the strongest and most durable of any in use; cannot break; is made of steel and malleable iron. Price, single one, \$3.00 upwards.

HAY FORKS AND GRAPPLERS. The Improved Harris Double Harpoon, Nellis' Single, Walker's Single and Hay, Straw and Bag Slings. Price on application.

Fixtures.

Steel Track and Couplings, Pulleys of all kinds, Hanger Hooks, Floor Hooks, Rafter Brackets and Irons. Steel Grapplers, Rope Hitchers and Rope.

Janesville new Hay Slings, complete, with Carrier. With these a wagon load of hay, straw or grain can be unloaded and elevated in a few minutes. Will furnish illustrated circulars, showing the tools, directions for putting up, full information of their working, and rock bottom price.

Hay Loaders, Hay Tedders, Hay Rakes.

Latest Improved Hay Loaders.....	\$50.00
Advance, 6 Fork Hay Tedder, for one or two horses.....	\$22.00 to 25.00
Advance, 8 Fork Hay Tedder, for one or two horses.....	25.00 to 30.00
Advance, Improved Horse Hay Rake.....	12.00 to 14.00
Veteran, Improved Self Dump Horse Hay Rake.....	16.00 to 18.00

Baling Presses.

Empire Hand Presses, for Baling Hay, Straw, Paper, Rags, Wool, Corn Husks, Hair, Tobacco, Cotton, and for general purposes.....	\$65.00 to \$85.00
Empire Improved Wool Press.....	100.00 to 150.00
Bederick, Hand, Horse and Steam Power, Hay and Straw Presses.....	\$90.00 and upwards.

Write us if in want of a Baling Press of any kind, and we will mail you descriptive circular and lowest price.

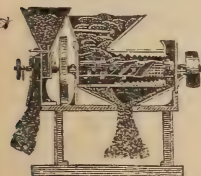
Threshers and Clover Hullers.

Our arrangements with the Aultman & Taylor Machinery Co. and Birdsall Manufacturing Co. are such that we can make any one in want of a good Threshing Outfit, and the best Clover Huller, rock bottom prices.

Steam Engines, Boilers and Saw Mills.

We have the agency for the following celebrated: Frick Company's Eclipse Traction Portable and Stationary Engines, Saw Mills and Boilers: James Leffell & Co. Steam Engines and Boilers, and we can make you low figures for anything in this line.

Feed Mills and Crushers.



THE CHAMPION.

The Kelley Duplex Feed Mills, all sizes.....	\$30.00 to \$65.00
The Nonpareil Feed Mills, all sizes.....	40.00 to 200.00
The Champion Combined Feed Mill and Corn Sheller.....	40.00 to 160.00
The Ohio Corn and Cob Sweep Feed Mill.....	20.00 to 30.00

French Burr Stone Mills and Crushers, with Ball Bearings. Special prices on application.

All the before named Mills will Crnsh and Grind Corn on the Ear into fine Meal, also any kind of grain, separate or mixed. Descriptive circulars, giving full information and prices of same, upon application.

Lever and Tread Horse Powers.

The Improved Champion Lever Horse Power, also Heebner's Tread Powers, and guarantee them to be the best in the market. At bottom prices.

Agricultural Boiler or Steam Feed Cooker.



FEED COOKER.

The Puritan and the Ohio.....	\$35.00 to \$45.00
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Circulars, giving full information, on application.



R. H. S. S. Co. Co. Co.

THE LITTLE GIANT

HAND BROADCAST SEED SOWER.

The Greatest Labor and Seed Saving Invention of the Age.

(Improved for 1896.)

The Crank or Geared Seeder will be preferred by some. They are fully equal to the best, as to work and durability, at one-half the cost only.

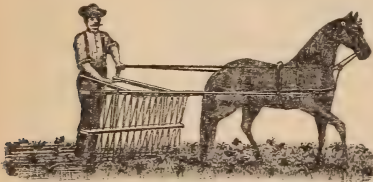
WITH METAL BOW AND AGITATOR OR FORCE FEED.

This is the *best built*, easiest running, most perfect machine in the market. It saves one-third seed and two-thirds labor.

Weights but three pounds. Man or boy can sow on hilly, stumpy, stony and rough, as well as on clean and old land, perfectly even, any desired quantity (one quart to three bushels per acre), of Clover, Timothy, Millet, Hungarian, Flax, Wheat, Rye, Oats, Peas, Corn, Orchard Grass, Blue Grass, Red Top, or other Seed, Fertilizer and Ashes, etc. Price for Bow Seeder, single one, \$2.00; three in one order, \$5.00; six in one order, \$9.00. Price for Single Crank Seeder, \$2.50; three in one order, \$6.50; six in one order, \$12.00, to any place in the United States. Express charges prepaid by us. *Special price for larger orders.* Fully warranted the best out. It is the best implement of its kind and for the money on earth. No farmer who has used one would do without it for five times its cost. Strongest, prettiest and lightest running. No equal on the market. A liberal discount to agents and dealers; write for special circular and directions. We sold several thousands of them in the last six years and every one gave the best satisfaction, as hundreds of the most flattering testimonials from all parts of the United States will testify. We guarantee either one to give entire satisfaction. We allow 50c on each single Seeder, and 25c each on orders for 3 and 6, ordered and shipped with Seeds, etc., at purchaser's expense.

No careful, economical farmer will continue to sow his seed by hand (the old style) when he can get one of these machines at our reduced prices. They will save their cost almost daily in saving of seed, to say nothing about saving of time and more even distribution, which will have a great effect on the crop.

Breed's Universal Weeder and Cultivator.



Of the latest improved style. This machine has introduced itself on its merits and proven to be the most important tool on farm and garden. Every farmer will have one as soon as he finds out what they will do. Should be used early and often. Price, \$3.00; with removable tooth, \$10.00. Special circular, giving fuller information and directions, on application.

HATCH CHICKENS BY STEAM.

The Improved Monitor Incubators.

Absolutely self-regulating, the simplest and most reliable. We unhesitatingly recommend these to all who are in want of a first-class Incubator. 50 egg, \$18.00; 100 egg, \$22.00; 150 egg, \$25.00; 200 egg, \$30.00.

BROODERS from \$6.50 to \$15.00, as to size and construction.

We can furnish the Bristol and other make No. 1 Incubators at from 10 to 25 per cent. less if so desired. Catalogue and circulars, giving full description and bottom price, on application.

Flower Pots, All Sizes.

We are enabled to furnish any size of first-class Flower Pots. If in want of any, kindly state quantity and size of Pots, when we will mail you list and lowest prices.

DYNAMITE.

We are in position to execute promptly any order for Dynamite, entrusted to us, at prices as per strength and percentage of nitro-glycerine therein, from 15 cents up to 30 cents-per pound. We can furnish Caps, double and triple strength; Cotton Fuse, Single and Double Tape Fuse, etc. Also regular Black Blasting Powder. Descriptive catalogue and prices mailed upon application.

Harvesting Machines, &c.

Agency for the celebrated Milwaukee Harvester Co. Light Binders and New Chain Mowers, improved steel frames; the Eureka Mowers, the Royce Single Reapers and repairs for same; Combined Hay Rake and Loader—only one good man is necessary to operate the Loader and do the work of raking and loading; the only Loader which will in all kinds and under every and any condition of grass successfully rake from the swath.

Grain Drills, One and Two Horse Farm Grist Mills, with steel and stone grinders; Cider Mills for hand and power; Wheelbarrows, garden and canal; Horse Powers; Scales, counter and warehouse; Store and Warehouse Trucks; Farmers' and Gardeners' Steel Tools, Shovels, Spades Scoops. Hoes; Iron, Steel and Wooden Rakes. A full line of the most improved and best Lawn and Garden Tools made, which we guarantee to be as represented, and sell them at the lowest price possible.

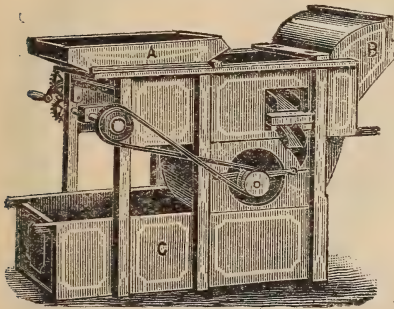
HAND AND BARREL CARTS.

This style Hand Carts, 36 inch wheel, box 24x36 in., 10 in. deep, \$5.50. Hand Carts with removable end board \$6.00. Larger sizes at \$7.00 to \$10.00.

Barrel Cart, with and without the barrel. Price, with barrel, \$5.00; without the barrel, \$3.50. Any ordinary water barrel will fit, and is bolted to the axle, and the barrel is held upright and in position by the frame, used also as a handle, or shafts. The barrel can be taken out and put in without any trouble, and a box substituted.

The Improved Clipper Grain and Seed Cleaner.

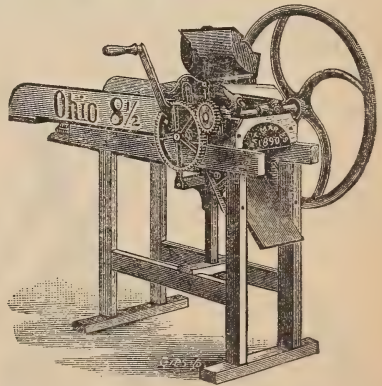
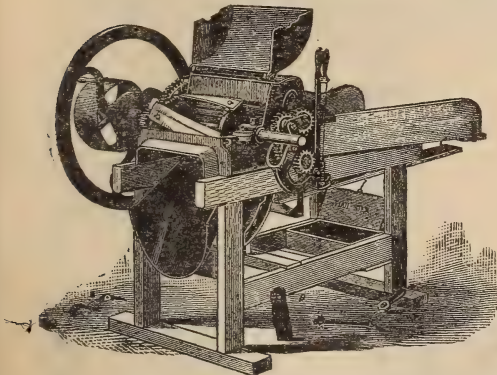
The Most Perfect, Strongest and Cheapest Mill on Earth. This Mill will do what no other Mill ever has or will do.



The Clipper Mill No. 1 is for general use, is furnished with eight sieves, suited for all kinds of grain and seed, seven of which are of zinc—the best material for sieves, as it will not rust. This Mill cleans Wheat, Oats, Rye, Barley, Corn, Rice, Beans, Buckwheat, Coffee, Spice, Flax, Clover, Timothy, Millet, Hungarian and all other grasses and garden seeds with once through, and leaves no tailings to be recleaned. They separate Peppergrass, Plantain, Buckhorn and other foul and noxious seed from Clover and Red Top. Plantain and Peppergrass out of Timothy Seed. The only Mill which separates Red Clover, Timothy, Dock and noxious seed from Alsike Clover. It separates Cockel and Mustard from Wheat and Oats. You can grade all your grains perfectly for seed.

They have a large box which the grain and seed drops into, and the price is as low as any ordinary mill. No. 2 Clipper Mill, for hand and power; No. 5 Clipper Mill for power only; No. 10 Clipper Mill, for power only. Price, No. 1, \$20.00; No. 2, \$25.00. Special circulars and prices mailed upon application.

FEED CUTTING BOXES.



We have the largest assortment and best selected stock of Feed Cutters of any concern in the State. We have a full line of the celebrated SWISS FEED CUTTERS and the famous OHIO, Ensilage and Feed Cutters, also the Improved CUMMINGS Feed Cutters, with Carriers for elevating Ensilage and Dry Fodder, for all large sizes when wanted. Our prices are low. We have Cutters, for Hand and Power, from \$3.50 and upwards to \$75.00. Call or write for special circulars and prices.

Church, School and Farm Bells.

The celebrated BLYMYER BELLS, for Churches, Academies, Schools, Court Houses, Fire Alarm, Factory, and Farm. Unrivalled for sweetness, purity of tone and durability. Kindly let us know what kind, size, and tone Bell is wanted, and we will send descriptive circulars and prices. They are guaranteed for two years, and if broken at any time will replace a new Bell for one-half the price. CRYSTAL METAL FARM BELLS, Nos. 1 to 5, from \$2.00 to \$5.00 each.

Agricultural Furnaces, Caldrons and Kettles.

Agricultural Portable Furnaces and Farmers' Boilers, complete— $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2 and 3 barrels. Also Caldrons for same, IRON KETTLES, from 5 pails up to 3 barrels, at lowest market prices.

OUR NEW TOLEDO MADE WHEEL.

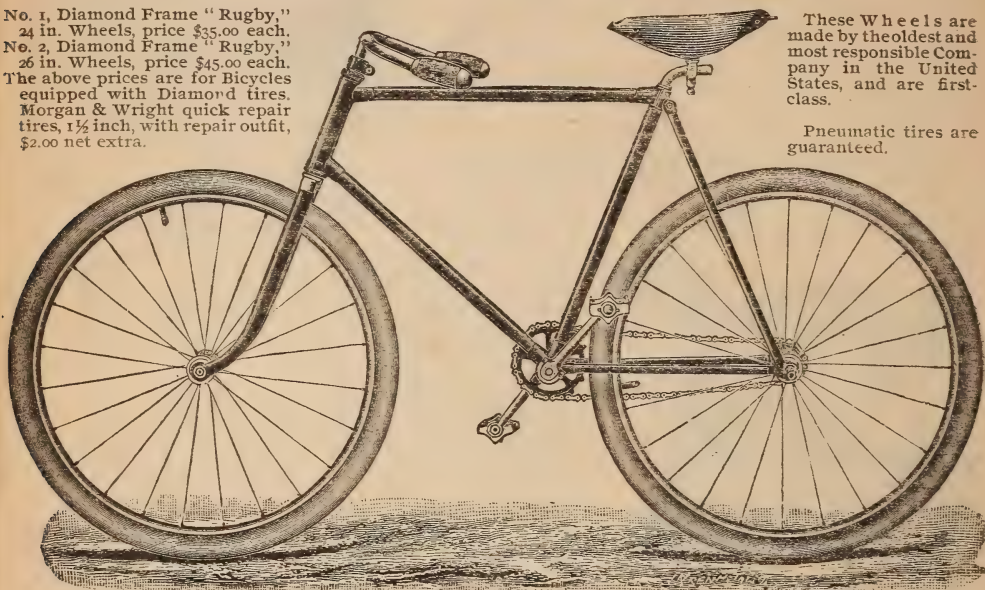
THE "RUGBY" JUVENILE BICYCLE.

Being desirous of meeting the demand for Juvenile Wheels, which embrace the essential good points of high grade Bicycles, and yet can be sold at a low price.

No. 1, Diamond Frame "Rugby,"
24 in. Wheels, price \$35.00 each.
No. 2, Diamond Frame "Rugby,"
26 in. Wheels, price \$45.00 each.
The above prices are for Bicycles
equipped with Diamond tires.
Morgan & Wright quick repair
tires, 1½ inch, with repair outfit,
\$2.00 net extra.

These Wheels are
made by the oldest and
most responsible Com-
pany in the United
States, and are first-
class.

Pneumatic tires are
guaranteed.



THE RUGBY DIAMOND FRAME SPECIFICATIONS.

FRAME—Steel tubing, single diamond; upper, lower and upright tubes, 13-16 inch dia.; rear braces, ¼ inch. CRANKS AND PEDAL PINS—Drop-forged steel; cranks, 5½ inch throw. BEARINGS—Head, wheels, crank axle and pedals are full ball bearing; ¼ inch balls, best quality steel ball cases, hardened and ground true after hardening. RIMS—Plymouth wood, interlocked. TIRES—1½ inch Diamond, or 1½ inch Morgan & Wright quick repair. CHAIN—Steel, Indianapolis make. HANDLES—Cork, German silver tips. FITTINGS—Tool bag, nickel Hercules wrench, pump and oil can. WEIGHT—22 lbs. SADDLE—Truss, mounted on drawn steel, adjustable post. HANDLE BARS—Raised or dropped. FINISH—Jet black enamel, high grade, usual parts nickel plated.

No. 7, Girl's "Rugby," 24 inch
Wheels, price \$35.00.
No. 8, Girl's "Rugby," 26 inch
Wheels, price \$45.00.
The above prices are for Bicycles
equipped with Diamond tires.
Morgan & Wright quick repair
tires, 1½ inch, with repair outfit,
\$2.00 net extra.

Toledo is turning
out more first-class
Wheels than any other
city in these United
States.

Pneumatic tires are
guaranteed.



THE RUGBY GIRLS' BICYCLE SPECIFICATIONS.

FRAME—Single tubing, drop bar, rear braces ¼ inch. CRANKS AND PEDAL PINS—Drop-forged steel, cranks 5½ inch throw. BEARINGS—Head, wheels, crank axle and pedals are full ball bearing; ¼ inch balls, best qual-

ity steel ball cases, hardened and ground after hardening. RIMS—Plymouth wood, interlocked. TIRES—1½ inch Diamond, or 1¼ inch Morgan & Wright quick repair. CHAIN—Steel, Indianapolis make. HANDLES—Cork, German silver tips. FITTINGS—Tool bag, Hercules wrench, pump and oil can. WEIGHT—22 lbs. SADDLE—Truss, mounted on drawn steel, adjustable post. HANDLE BARS—Raised or dropped. FINISH—Jet black enamel, high grade, usual parts nickel plated.

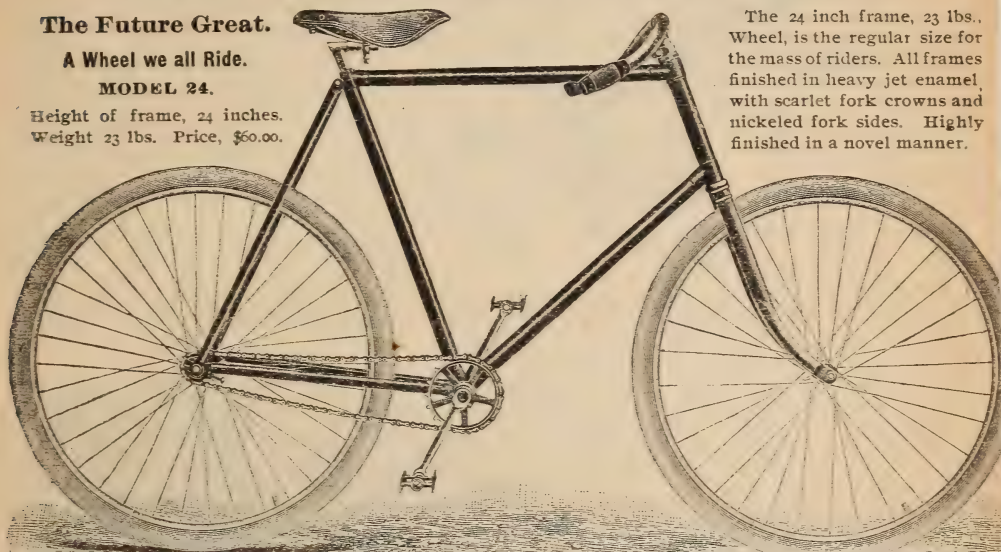
THE FUTURE GREAT.

The Future Great.

A Wheel we all Ride.

MODEL 24.

Height of frame, 24 inches.
Weight 23 lbs. Price, \$50.00.



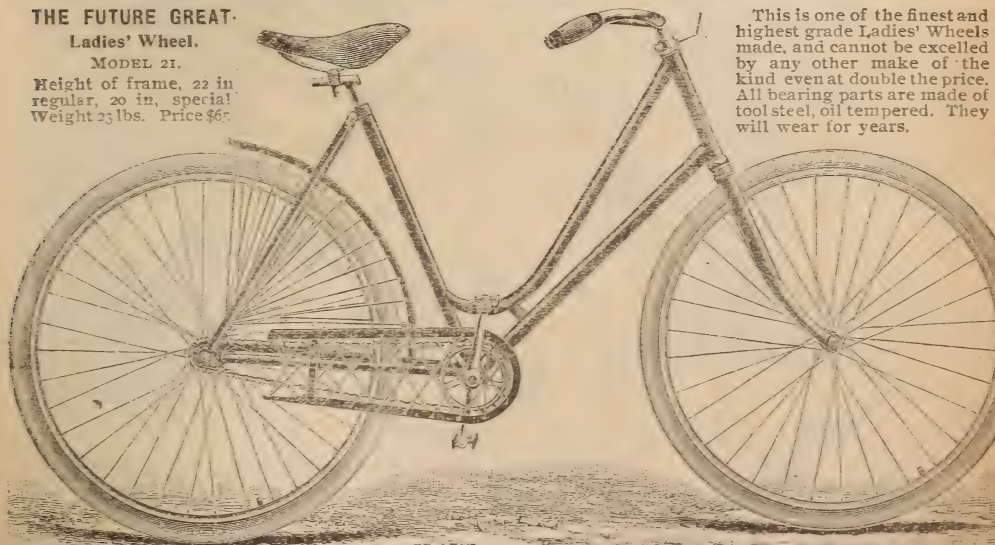
The 24 inch frame, 23 lbs. Wheel, is the regular size for the mass of riders. All frames finished in heavy jet enamel, with scarlet fork crowns and nicked fork sides. Highly finished in a novel manner.

THE FUTURE GREAT.

Ladies' Wheel.

MODEL 21.

Height of frame, 22 in.
regular, 20 in. special.
Weight 23 lbs. Price \$45.



This is one of the finest and highest grade Ladies' Wheels made, and cannot be excelled by any other make of the kind, even at double the price. All bearing parts are made of tool steel, oil tempered. They will wear for years.

We have pleasure in offering our friends one of the best first-class high grade Wheels made in Toledo, Ohio, at prices greatly reduced from what they are regularly sold for here and in this country, viz: \$100.00. In the make-up of these Bicycles there is no expense spared to make the Wheels absolutely perfect in every detail, and we dare say there is no better Wheel made in the land, and there is no doubt but what this Wheel will have a great future—similar to our great City of Toledo. We guarantee these Wheels to be absolutely free from imperfect material and workmanship, and will replace any and all defective parts, not caused by neglect, accident or misuse, returned to us within one year from date of sale. This has no reference to tires, as they are thoroughly guaranteed by the tire makers, and they will make good all defects, and all claims must be made to them direct.

"PLANET JR." GARDEN AND FIELD TOOLS.

Space will not permit illustrating and describing all of the "Planet Jr." tools, but we will gladly send a fully illustrated catalogue to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines and the best on the market. In sending your orders to us, you can therefore rely on getting bottom prices.

The "New Planet Jr." N. 3 Hill Dropping Seed Drill.—Sows either in hills or in continuous row. Until recently there was no such thing as a Hill Dropping Seeder, the most modern Drills sowing continuously only, but the demand for a machine that could be adjusted to sow in hills was very great. This Drill will sow in a continuous row, in the ordinary way, with the greatest regularity; but its distinctive feature is

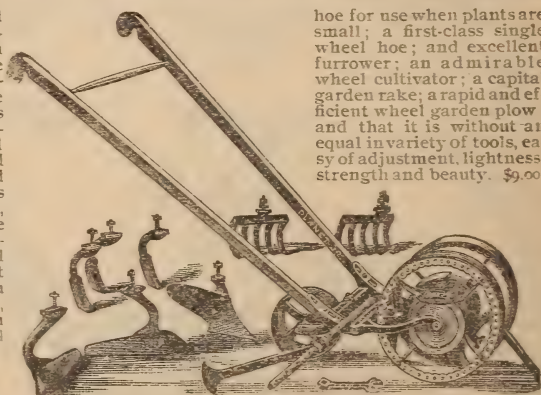
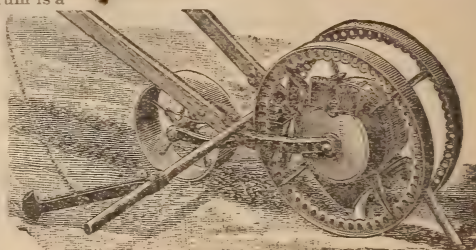
that it will drop neatly in hills either four, six, eight, twelve or twenty-four inches apart. It opens the furrow, drops in hills or drills, covers, rolls down and marks the next row, all at one operation. The hopper holds three quarts. The wheel is thirteen inches high. It is changed in a moment from hill dropping to drill work. It has a force feed, sows equally well whether the hopper is full or contains only a paper of seed, and will not injure delicate seed, such as radish cabbage, etc., which are so often peeled or crushed by Drills having agitators or metal wheels. It is nicely adapted to all conditions of land, working especially well in fresh ground or when planting on a ridge. The plow is adjustable and opens a very narrow furrow, which is a great advantage for after cultivation.

This is the first year that this machine has been offered widely by the manufacturers of the celebrated line of "Planet Jr." goods, but the machine has been tested thoroughly by careful gardeners and nurserymen during the season of 1895 and the manufacturers guarantee it to give entire satisfaction. Price, \$9.00.

The "Planet Jr." No. 2 Seed Drill

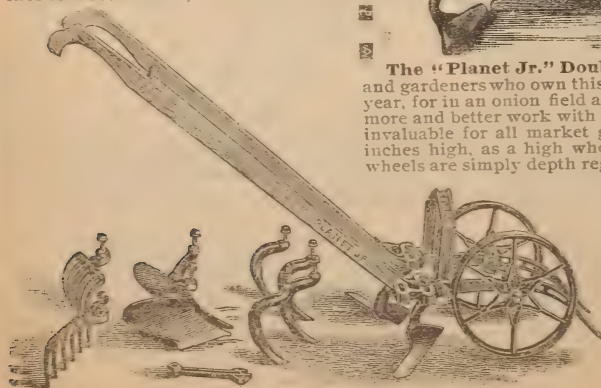
—This tool is used the world over, and, with the exception of our Hill Dropping Drill, is the most perfect drill known. It holds two and one half quarts. The sowing cylinder is a drum of spring brass, set between the driving wheels. Around this drum is a brass band, drawn tight to the drum by a cam which joins the ends. In both drum and band are corresponding diamond-shaped discharge openings; by loosening the cam and sliding the outer band, the discharge may be regulated to suit any kind or thickness of seed. The index contains the names of the principal seeds, and when the name wanted appears through the index slot, it is set right for that seed. The drill sows in an even, regular stream, whether there is much or little in the hopper. The opening plow, being directly between the wheels, follows all irregularities of the ground, is adjustable and once set opens the furrow at a uniform depth, and the seeds are deposited in a very narrow line. The machine is extremely simple; having no agitators, belts or gearing, the seed cannot be injured, even if sprouted. It received the highest award at the World's Fair at Chicago. Price \$6.50.

The "Planet Jr." Combined Drill and Wheel Hoe.—This is the most popular combined tool known, and its friends have been gained by substantial merit alone. It won the highest and only award at the Chicago Exposition. As a seed sower it is identical with the No. 2 "Planet Jr." Drill, except in size, and has its merits, its strength, durability, ease of operation and perfection of work. This combined tool has a complete set of cultivating tools, and all its operations are rapid, easy, perfect and delightful. When used as a Drill the seed is sown with great regularity and at uniform depth, regulated at pleasure. The hopper holds one quart. The door, when opened, forms a convenient spout for filling with seed. From a Drill it is changed to its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be instantly attached. In short, every purchaser of this machine will find it an excellent seed sower; a first-class double wheel



The "Planet Jr." Double Wheel Hoe—Thousands of farmers and gardeners who own this tool save its cost one or more times every year, for in an onion field and among many other crops, one can do more and better work with it than six men with ordinary hoes. It is invaluable for all market garden crops. The wheels are only ten inches high, as a high wheel is wrong for a Wheel Hoe, since the wheels are simply depth regulators, not load carriers.

The "Planet Jr." Double Wheel Hoe will straddle plants eighteen inches high, and finish rows from six to eighteen inches apart at one passage. One hoe sets slightly ahead of the other to prevent dragging out young plants. The new frame permits the changing of attachments without removing the nuts. All the tools shown in the cut go with the machine for the price; and all the blades are steel, hardened in oil and polished. The wheels are adjustable to make the work shallow or deep as



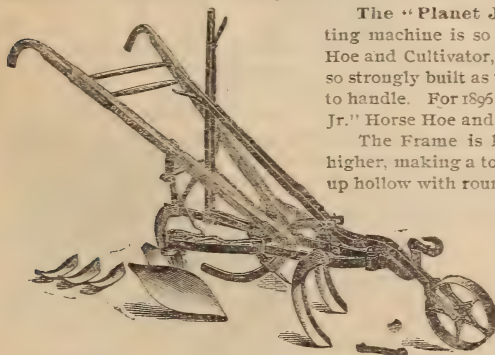
required, and to adapt the machine to all width rows. The tool is charming in every style and kind of work. The admiration of all who see it in operation and is the acknowledged standard the world over. Price, \$6.00.

To accommodate those who have little work but hoeing, we offer the foregoing machine with hoes only under the name of "Planet Jr." Plain Double Wheel Hoe, at \$3.50. The other parts can be added at any time and will be found to fit.

The "Planet Jr." Single Wheel Hoe.—This Wheel Hoe is considerably lighter than the Double, but does almost the same variety of work, being used mostly between the rows, yet it can be used to hoe both sides at once, while plants are small, by placing the wheel at one side of the frame. The form of the hoes insure a forward, slanting cut next to the plant and consequent close work without danger, and thorough cultivation of the soil. The rakes and cultivator teeth and the hoes and plow, enable the operator to perform almost every variety of work, either in the field or garden. All rows from six to eighteen inches apart can be hoed at one passage. The frame is quickly raised or lowered to regulate depth; and the wheel has an extra broad face. It is pronounced by practical men without an equal in design and finish, ease of operation, variety of adjustment, and perfection of work, and we feel confident that every one who tries this tool will be glad he did so. Price, \$4.50. To supply a demand for a cheap Single Wheel Hoe, we offer the above machine, with the hoes only, at \$2.75, and the other attachments can be added at any time and will be found to fit.

The "Fire Fly" Single Wheel Hoe, Cultivator and Plow.—This popular tool is exactly the same as the "Planet Jr." Single Wheel Hoe, excepting that it does not have the rakes or leaf lifter. The attachments are a pair of hoes that can be set to work to or from the row, a set of three reversible cultivator teeth, and a large garden plow. The whole tool is light and strong and capable of standing hard usage for years. Price, \$3.75.

The "Fire Fly" Wheel Garden Plow.—This tool is invaluable for those who have small gardens. The moldboard is tempered and polished steel. The depth may be changed very quickly. The low price brings it within the reach of all. Price, \$2.00.



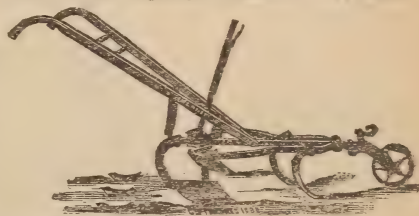
The "Planet Jr." No. 8 Horse Hoe.—Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. For 1896 we offer important improvements in our No. 8 "Planet Jr." Horse Hoe and Cultivator, as described below:

The Frame is longer than usual and about one and a half inches higher, making a tool that will not clog easily. The Standards are framed up hollow with round throats of stiff steel; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it. The Depth is under perfect control by means of a new lever wheel, and the new patented depth regulator, which are moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator. The Expander.—This is an entirely new pattern superior to all other forms; exceedingly

strong, simple, accurate and positive in all positions. Handle and Braces.—These are also absolutely new and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of handles in height and sidewise.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. Price, \$7.25.

The "Planet Jr." No. 5 Horse Hoe.—This tool is similar to the No. 8 Horse Hoe, but it has a plain wheel instead of one operated by a convenient lever. It has the same standards and teeth, but is made in other respects like the popular 1805 pattern. It does not have the improved depth regulator and the expander and braces of the No. 8, yet it is strong and serviceable and will give full satisfaction. Has an excellent expander and handles adjustable, both perpendicularly and sidewise. Price, \$6.25.

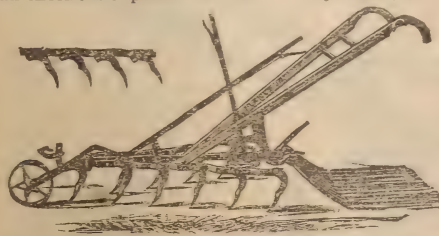


"Planet Jr." 12-Tooth Harrow.—This comparatively new tool has rapidly grown into favor with market gardeners and strawberry growers. It is carefully made and finished, has a high frame and the chisel shape teeth cut an inch wide each, and may be worn down three inches before that width is lessened or the teeth worn out; even then they are cheaply replaced.

It may be set with teeth trailing, by simply changing one bolt in each tooth.

The foot lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting. Hand

levers regulate both width and depth while in motion. It contracts to 12 inches, and may be further reduced in width by taking off the outside teeth; it expands to 32 inches. It cultivates deep without throwing earth upon the plants and the smooth, round throated teeth turn strawberry runners without injuring them. Price, plain \$5.00; with wheel, \$6.25. complete. \$7.50.



"PLANET JR." 1896 PRICE LIST

Call and see or send for our Special Planet Jr. Catalogue, fully describing and illustrating a large variety of hand and horse power implements, superior to any other make in the world.

	Packed Weight.	Price.
The Planet Jr. No. 3 Single Wheel Hill Dropping Drill (new)	45 lbs.	\$9.00
The Planet Jr. No. 2 Drill	38 lbs.	6.50
The Planet Jr. Combined Drill	47 lbs.	9.00
Onion Set attachment (specify for which Drill) .....		.40
Onion Harvester		1.00
The Planet Jr. Double Wheel Hoe	37 lbs.	6.00
The Planet Jr. Plain Double W. Hoe	27 lbs.	3.50
The Planet Jr. Single Wheel Hoe	24 lbs.	4.50
The Fire Fly single Wheel Hoe	23 lbs.	3.75
The Planet Jr. Plain Single W. Hoe	17 lbs.	2.75
Adjustable Wing Plow		1.25
The Fire Fly Plow	12 lbs;	2.00
The Planet Jr. Grass Edger	26 lbs.	5.00
The Planet Jr. No. 8 Horse Hoe and Cultivator, complete (new)	81 lbs.	7.25
The Planet Jr. No. 6 Horse Hoe and Cultivator, with lever wheel	75 lbs.	6.75
The Planet Jr. No. 5 Horse Hoe and Cultivator, with wheel	70 lbs.	6.25
No. 5 or No. 6 Horse Hoe, without wheel	60 lbs.	5.75
The Planet Jr. No. 4 Horse Hoe and Cultivator, with wheel	64 lbs.	5.50
without wheel	54 lbs.	4.75
The Planet Jr. Nine Tooth Horse Hoe and Cultivator	124 lbs.	10.75

	Packed Weight.	Price.
The Planet Jr. Cotton Horse Hoe, with lever wheel	75 lbs.	6.75
without wheel	60 lbs.	5.50
The Planet Jr. Market Gardeners' Horse Hoe	73 lbs.	7.00
The Planet Jr. Beet Growers' Horse Hoe	64 lbs.	6.75
The Planet Jr. Sweet Potato Horse Hoe	73 lbs.	7.00
The Planet Jr. No. 5 Plain Cultivator, with wheel	61 lbs.	4.75
Same tool, without wheel	54 lbs.	4.00
The Planet Jr. No. 4 Plain Cultivator, with wheel	49 lbs.	4.00
Same tool, without wheel	41 lbs.	3.25
The Planet Jr. Twelve Tooth Harrow, complete	72 lbs.	7.00
The Planet Jr. All Steel Pulverizer and Leveler	100 lbs.	7.50
The Planet Jr. Double Celery Hiller	84 lbs.	9.50
The Planet Jr. Single Celery Hiller	68 lbs.	8.00
The Planet Jr. Irish Potato Digger	140 lbs.	15.50
The Planet Jr. Sweet Potato Digger	140 lbs.	15.50
The Planet Jr. Riding Cultivator, cut 5 feet 3 inches	370 lbs.	35.00
Extension to make cut 6 ft. 6 in. ..		5.00

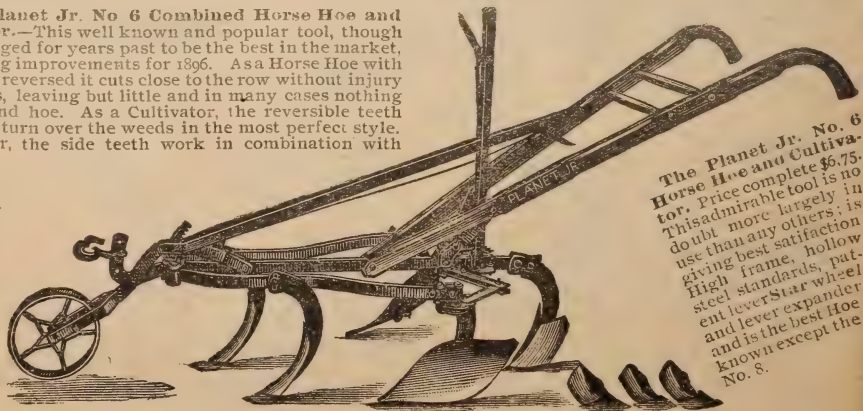
EXTRAS.

Lever Wheel for No. 8 Horse Hoe	\$1.90
Lever Wheel for No. 6 Horse Hoe	1.40
Old style wheel complete .....	.80
Lever Runner Attachment	1.60
Roller	1.25
Reversed Rake .....	.80
Pulverizer	1.40
Pulverizer for Harrow, special	1.40
Marking Attachment	1.60
Nine Tooth Horse Hoe Attachment	4.25
Wine Lifter Attachment	1.40
1 1/4 inch Steels .....	.08
1 3/4 inch Steels .....	.09
2 1/4 inch Steels .....	.10
3 inch Steels .....	.11
4 inch Steels .....	.12

Bolts	\$0.01 1/2
7 inch Shovel Steel .....	.25
8 inch Shovel Steel .....	.30
8 inch Sweeps .....	.30
10 inch Sweeps .....	.35
12 inch Sweeps .....	.40
15 inch Sweeps .....	.45
6 inch Side Steels, each .....	.50
6 inch Hoe Steels, each .....	.40
10 inch Hoe Steels, each .....	.50
10 inch Furrower .....	.80
15 inch Furrower	1.25
20 inch Furrower, with wings	1.75
10 inch Furrower, without wings .....	.80
Wings, each .....	.50
Riding Steels, each	1.10

The Planet Jr. No. 6 Combined Horse Hoe and Cultivator.—This well known and popular tool, though acknowledged for years past to be the best in the market, has striking improvements for 1896. As a Horse Hoe with side teeth reversed it cuts close to the row without injury to the roots, leaving but little and in many cases nothing for the hand hoe. As a Cultivator, the reversible teeth cut off and turn over the weeds in the most perfect style. As a Hiller, the side teeth work in combination with

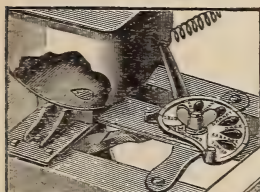
the rear shovel to perfection. We can supply a large variety of attachments for these machines, full description of which will be mailed on application



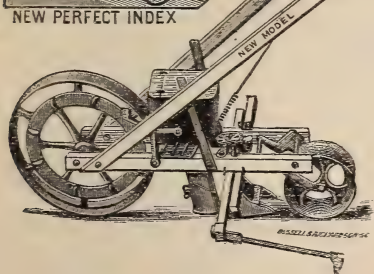
The Planet Jr. No. 6 Horse Hoe and Cultivator. Price complete \$6.75. This admirable tool is no doubt more largely in use than any others; is giving best satisfaction High frame, hollow steel standards, patent lever star wheel and lever expander and is the best Hoe known except the No. 8.

J. I. CASE KEELER, SEED DRILL AND ATTACHMENTS.

Drills all kinds of Seeds in a continuous row or in hills any distance apart. Seeder is taken off machine like other attachments. Simple, accurate and cheap. Eight machine in one. Price, \$10.00. Send for descriptive catalogue, showing the different tools and prices for each. Also giving full instruction and information as to its work, etc.



NEW PERFECT INDEX



The New Model Seed Drill.

One of the best Drills made. It has many advantages over other Drills. It has an excellent marker, a broad wheel lending ease to work the machine; a good covering roller.

The flow of seed can be stopped instantly by means of a string attached to your hand. The index is right under your eye, while the hopper is easily watched. Holds two quarts of seed and will sow this amount on a paper with equal ease, rapidity and accuracy. Each, \$6.00.

Double and Single Wheel Combined Wheel Gem Cultivator.

The very best Hand Cultivator made. We would not get along without our double wheel Gems for ten times

their cost. They are gems and do the work perfectly. We use only the double-wheel machine, which we can change quickly to a single-wheel if desired. Price of Double and Single Gem, \$5.00; Single Wheel Gem, \$4.00.

The Perkins Direct Motion Steel Mill.

Simple, Strong and Efficient. Every User is Pleased with it. Investigate it before Buying. They manufacture a full line of the most improved and highest grades of Geared Pumping and Power Mills.

Illustrated descriptive circulars, estimates and prices will be furnished promptly upon application.

Toledo Burch Plows.

GREATLY IMPROVED.

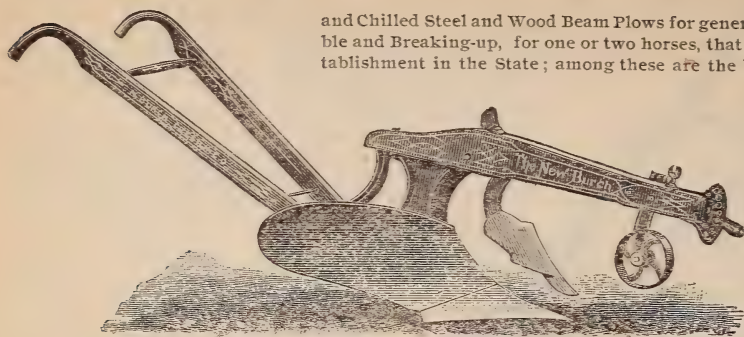
Our store is the City Depot and Salesroom for the celebrated Burch Toledo Plow Company's Steel and



Chilled Iron Plows, Plow Extras and Repairs. We have all sizes and kinds of their make; also have a full stock of extras and repairs.

THE Improved Burch.

Full line of Chilled Plows and Plow extras in stock. We have on hand the best assorted stock of Steel!

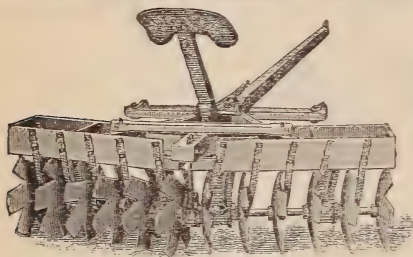


Illustrated circulars, giving full information and prices, upon application.

and Chilled Steel and Wood Beam Plows for general purposes. Sod, Stubble and Breaking-up, for one or two horses, that can be found in any establishment in the State; among these are the **Barre Tole's Plows**, **Wilder Manuf. Co.**, **Rock Island, Steel Beam, and Clipper Plows**, of all sizes, and their different kinds of Sulky or Riding Plows. Also a full line of Repairs and Points for all. We sell OUR PLOWS at rock bottom prices, and guarantee full satisfaction.

Improved Cutaway and Other Harrows.

The famous **Clark's Cutaway Harrow** supercedes the plow and makes a perfect seed bed. **Clark's Improved Cutaway Harrow** is "The B ss." It beats anything in the way of Spading and Pulverizing Harrows ever introduced. With it you can prepare your land for Oats seeding without plowing. They have no equal. We have tested them with other so called Spading Harrows and found they were no competitors to the CUTAWAY. Hard clay or stubble made into a perfect seed bed. Has also a Seeding Attachment for sowing all kinds of grain and grass seed. We have all sizes of them, for one, two and three horses. Also Cultivators for use in corn, orchards and vegetable gardens, for fruit growers especially. No tiller of soil can do without it. We have sold them for the last eight years and have the most flattering testimonials, and can refer to hundreds who use them. We have the exclusive agency for them in this section, and sell them at lowest manufacturer's prices. Call and see, or send for full descriptive circular and prices. Ask for special circular, giving full information of their great victory over all other similar tools at the Chicago World's Fair trial.



Rock Island, Cutaway and Solid Disc Harrows, of all sizes. Catalogues and prices upon application.

Diamond Steel Tooth Harrows—These Harrows are with patent Steel Teeth, each tooth riveted, which prevents splitting. We have 48-tooth, cutting 8 feet; 60-tooth, cutting 10 feet; 72-tooth, cutting 21½ feet. These are all Hinge Harrows—hinge made of wrought iron. We have a Section Harrow, with long eveners, sold by the section, 20 teeth in each section. Two sections, 40 teeth, cuts 8 feet; three sections, 60 teeth, cuts 13 feet. steel teeth, riveted. These are for small gardeners. Price, from \$3.00 to \$12.00.

Improved Square-Tooth Harrows.—We have the common Square-Tooth Harrows, all sizes, prices very low.

The Acme Sulky Spring-Tooth Harrow, with and without Seeder Attachment.

The Tiger Protection Steel Frame, Spring Teeth, Floating Harrow; The Tiger Protection Wood Frame, Spring Teeth, Floating Harrow.—Of different sizes.

Evans' Adjustable Steel Frame Lever Harrows, with 50, 60, 70 and 90 Solid Steel Teeth. It is acknowledged to be the most perfect Harrow on the market.

We have different makes and kinds of Lever Harrows of Steel, Iron and Wood Frames, two and three sections. Call and see, or send for descriptive circulars and prices.

CORN PLANTERS AND DRILLS.

Evans' Improved One and Two-Horse Check Rowers, and other Corn Planters and Drills combined. Horse Corn Planters and Drills, from \$5.00 upwards.

IMPROVED HAND CORN PLANTERS.

Smith's Celebrated Ohio Corn Planter.—This Planter has stood the test for 35 years, and never failed to receive the highest commendation in a single instance. Price, \$2.00. Special price in dozen lots.

The Celebrated American Hand Plunger Corn Planter, greatly improved, \$1.25 each.

The Eureka, Triumph, and other Hand Corn Planters, 75c to \$1.00 each; less price for dozen lots.

Columbus Solid Steel Square and Pressed Bowl, Wheel and Drag Scrapers.

No. 1 Boss Pressed Bowl Solid Steel Scraper, \$5.25; **No. 2**, \$5.00; **No. 3**, \$4.75. Extra for Steel Runners, 25c each.

Columbus Wheel, Square Bowl, No. 1, \$25.00; No. 2, \$32.00; No. 3, \$36.00.

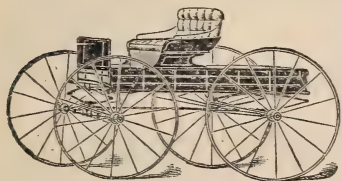
Columbus Wheel, Pressed Bowl, No. 1, \$26.00; No. 2, \$33.00; No. 3, \$37.00.

Doan Patent Board Scraper, \$5.50.

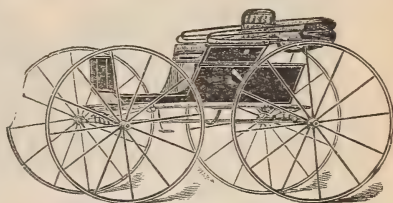
Western and Fort Wayne Road Machines, \$225.00. Contractors' Railroad and Grading Plows, \$15.00 and upwards.

FARM, TRUCK AND SPRING WAGONS.

"Nothing succeeds like Success." This is the case with having a good Wagon, which everybody wants. There is really nothing strange in this. People go where they can get the most and best for their money, and that is just what they do when they buy the Birdsall Steel Skein, Steel Tire Farm Wagon, the Olds Self-Oilers and celebrated Milburn Farm Wagons of all sizes, from small one horse to large truck. Our Wagons possess all the good points found in others, and some besides, that outshine anything the rest can boast. Prominent among these are the Wrought Steel Skeins, Skeins with Oil Cups; they carry heavier loads and reduce the draft one-half. We have sold and shipped Wagons throughout the United States, and they have given in every case the highest of satisfaction. Wherever introduced they are preferred over any others. The material used in them is the very best. We guarantee wood part being thoroughly seasoned in the natural way for 3 to 5 years before it is put into the wagon, and not kiln dried, as most wagons are made. We carry a full stock of all sizes, from light one-horse to heavy Truck Wagons. Prices rock bottom. Call and see or write for catalogue and prices.



**Spring
Wagons,
Carriages,
Buggies,
&c.**



CARRIAGE REPOSITORY.

Our Wholesale and Retail Carriage Repository and Show Room, to which we devote the upper story of our double store, 40x120, exclusively, is one of the most complete in the city, where you will find different styles of Surreys, with and without Canopy Tops. Extension Top Carriages, Phaetons, Buggies with Top and Open, in large varieties of the best makes. Also, Spring, Pleasure and Business Wagons of different sizes and styles. The celebrated Toledo Road Wagons and Buckboards, two or four passenger; also the largest and best stock of Road Carts. All sold at rock bottom prices. It will pay to call and see us before you buy anything in this line, or send for circular. We respectfully solicit an inspection of our Carriages and Wagons. We offer a line of good grade Vehicles, which we sell, until further notice, at exceedingly low prices, as follows:

No. 1 Open Buggy.—White Chappell or Corning, body cloth trimmings, hung low in end spring, with drop axle, \$28.00.

No. 2.—Same style with Canopy Top, side curtains, &c., \$35.00.

No. 3, Open Road Wagon.—End spring, drop axles, \$28.00; with Canopy Top, \$35.00.

No. 4, Corning Body.—End spring, rubber top, green cloth trimmings, \$40.00.

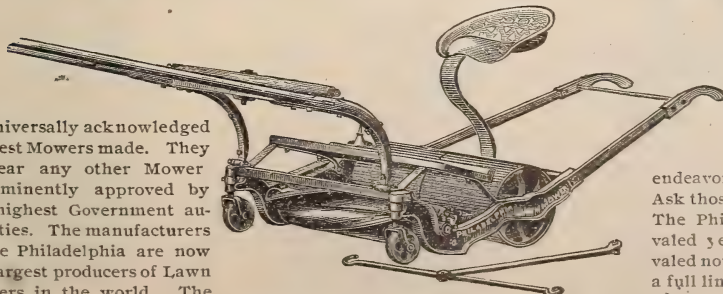
No. 5, Piano Box Body.—End Springs, leather quarter top, highly finished and elegant job, \$45.00.

For further particulars as to these jobs, please apply for special descriptive circulars, giving full information. **HARNESSES, HORSE GOODS AND SADDLERY SUPPLIES.**—We have always in stock a full line of *Hand-Made Harness*, Single and Double, Carriage and Coach, Delivery, Express, and Heavy Team and Farm Harness, all made from the best Oak Tanned Leather, of improved style and best quality. Collars, Halters, Horse Blankets and Robes. None better for the money. Whips, Horse Mangers and Hay Racks, Horse Pokes, Weights and Hitching Posts, of different kinds and prices.

The Genuine Philadelphia Lawn Mower.

Latest Improved, Easiest Running and Finest Lawn Mowers Made.

Universally acknowledged the best Mowers made. They outwear any other Mower. Pre-eminently approved by the highest Government authorities. The manufacturers of the Philadelphia are now the largest producers of Lawn Mowers in the world. The



PHILADELPHIA HORSE AND PONY LAWN MOWER. Repairs.

Seven different sizes, from 25 inch to 35 inch. Cut, either open or solid Wiper. Weight from 115 to 450 lbs. Price, from \$40.00 to \$120.00 net.

New Excelsior Horse Lawn Mower.—This is a most admirable implement for mowing large grounds. Net Prices—25-inch cut, without shafts, \$35.00; 30-inch cut, with shafts, \$56.00; 35-inch cut, with shafts, \$70.00; 40-inch cut, with shafts, \$85.00.

An illustrated and descriptive catalogue, giving full information, will be furnished upon application.

great superiority of their product is shown by the enormous increase of their sales (now 500 000 in the U. S. alone), and nearly all other makers

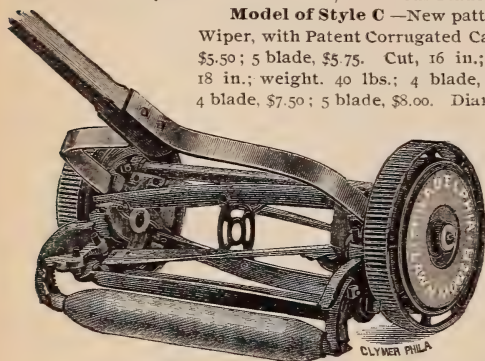
endeavor to imitate them. Ask those using them, why? The Philadelphia was unrivaled years ago; it is unrivaled now. We have in stock a full line of all their makes

Philadelphia, Style D, Three-Blade Solid Wiper—Diameter of Driving Wheels, $6\frac{1}{2}$ inches. Width of cut, 10 in.; weight, 26 lbs.; price, \$4.00. Width of cut, 12 in.; weight, 28 lbs.; price, \$4.50. Same Mower with Three-Blade Open Wiper, same price.

Model of Style M, Three-Blade Solid Wiper, with the Cutting Blades Bolted on.—Diameter of Driving Wheels, 7 inches. Width of cut, 14 in.; weight, 36 lbs.; \$5.00. Width of cut, 16 in.; weight, 38 lbs.; \$5.50. Width of cut, 18 in.; weight, 44 lbs.; \$6.00. Width of cut, 20 in.; weight, 46 lbs.; \$7.00.

Model of Style S—Same Mower, with Four-Blade Open Wiper. Price the same.

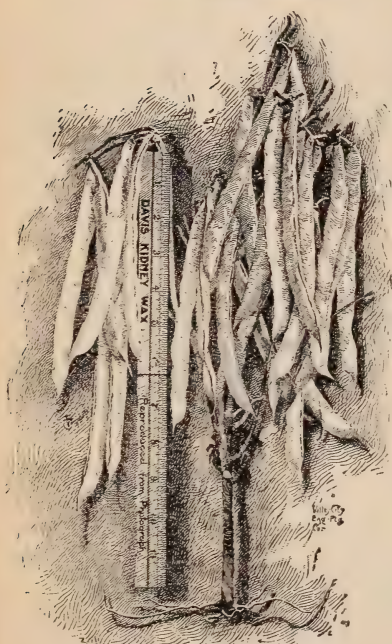
Model of Style C—New pattern. Medium high Wheel, Four and Five Blade Open Wiper, with Patent Corrugated Cast Steel Blades. Cut, 14 in.; weight, 36 lbs.; 4 blade, \$5.50; 5 blade, \$5.75. Cut, 16 in.; weight, 37 lbs.; 4 blade, \$6.00; 5 blade, \$6.25. Cut, 18 in.; weight, 40 lbs.; 4 blade, \$6.50; 5 blade, \$7.00. Cut, 20 in.; weight, 44 lbs.; 4 blade, \$7.50; 5 blade, \$8.00. Diameter of Driving Wheels, $8\frac{1}{2}$ inches.



We can furnish all the different styles and sizes of the genuine Philadelphia Lawn Mowers. $6\frac{1}{2}$, 7, $8\frac{1}{2}$, 9 $\frac{1}{2}$ and 10 inch Drive Wheels. Special illustrated catalogue and prices gladly furnished upon application.

FIELD AND LAWN ROLLERS.

We keep a full line of different sizes, from 2 to 6 section, Steel, Iron, and Wood Stave Rollers, at prices from \$10.00 upwards. Circulars and prices upon application.



The Davis Kidney Wax Bean. This is a *new* and distinct *Kidney* Wax variety of late introduction, and proved without exception to be the best white seeded wax podded Bean known. The plant is vigorous and healthy, of compact, upright growth, carrying its pods on the center and well up from the ground. It is very productive, always giving a large yield of handsome pods, with a small proportion of imperfect and misshaped ones as our Golden Wax. The pods are very long, oval, clear waxy-white color, and when of suitable size to use for snaps quite stringless, showing no tendency to string until they approach maturity. The best for market gardeners. The best for canners. Practical market gardeners are delighted with it because of its earliness, hardness, productiveness, handsome appearance, its good shipping and selling qualities and the small proportion of waste and second quality pods. Canners say it is just what we want, a long, straight, clear white pod which does not discolor in canning. The large white handsome kidney shaped dry beans are attractive, and this new Bean is sure to become a very popular and standard sort for family garden as well as market, and we highly recommend it to our friends to give it a trial. Price, postpaid, packet 10c; $\frac{1}{2}$ pint 25c; pint 40c; quart 75c. By express or freight, not prepaid, peck \$4.00.

ENGLISH DWARF BEANS AND PEAS.

Early Mazagan. Very early, hardy and bears freely. Pkt 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 30c; peck \$1.50.

Broad Windsor. The largest and best of the class of English Dwarf Beans, very tender and delicious. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 35c.

THE DAVIS KIDNEY WAX BEAN.

Nott's Excelsior. Extra early. A cross between American Wonder and Advancer; grows one foot high, very hardy and vigorous; can be planted with safety in early Spring with any smooth varieties and will mature almost as soon, while the quality is far superior; pods very large and well filled with tender and fine flavored Peas. Early, hardy, productive, extra fine; ready for table in 45 days. Earlier by several days than the Little Gem; a fine bearer; earliest wrinkled Pea. Pkt. 10c; pint 20c; quart 35c; peck \$2.00.

The Stanley. This new Pea is of recent introduction from England; it has been awarded a first-class certificate by the Royal Horticultural Society of England. Resembling the Stratagem, by a long way the earliest large podded Pea yet introduced. Height, 18 in.; seed green, wrinkled. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 35c; peck \$1.75. We recommend this variety highly; give it a trial.

William Hurst. Quite popular in England, as it surely will be in America when thoroughly known. Resembling somewhat American Wonder in habit, but more straggling in growth, hardy and vigorous, bearing in profusion long curved handsome pods well filled with Peas of fine flavor. Seed light green, wrinkled, height 12 in. Do not fail to order of this variety, as it is by far the best dwarf early wrinkled Pea now out and will supercede all others. Pkt; 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 35c; peck \$1.50.

POPULAR AND CHOICE FLOWER SEEDS.

Our Flower Seeds are the best that can be procured from the best growers in America and Europe. Our list comprises nearly all the varieties that can be successfully grown by the average cultivator, omitting such as requires the skill of a veteran, and special facilities. Cultural Directions are printed on each package, together with a correct illustration in colors. Our Seed we offer can be fully relied upon as fresh and pure. We have more and rare varieties not embraced in this list; if any others are wanted we may be able to supply them.

On all orders for Flower Seeds in packets, the purchaser may select twenty-five cents' worth extra for each One Dollar sent us. Thus any one sending \$1.00 can select seeds in packets amounting to \$1.25; for \$2.00 seeds in packets to the value of \$2.50, and so on.



ABRONIA UMBELLATA.

Very pretty trailing plants.

ACROCLINIUM, (EVERLASTING.)

AGERATUM MEXICANUM



ALYSSUM SWEET.



AMARANTHUS TRICOLOR.



ASTER (ROSE FLOWERED.)



BALSAMS.



CANDYTUFT.



CELOSIA.

Price per Pkt.

Price per Pkt.

Abronia Umbellata, (sweet scented flowers,)	5c
Acroclinium Roseum,	5c
Acroclinium Album,	5c
Ageratum Mexicanum,	5c

Alyssum, Sweet Maritimum,	5c
Amaranthus, Melancholius Ruber,	5c
Amaranthus Tricolor,	5c
Antirrhinum, Snap Dragon,	5c



Chrysanthemum.



Clarkias.



Convolvulus Major.



Convolvulus Minor.



Cypress Vine.



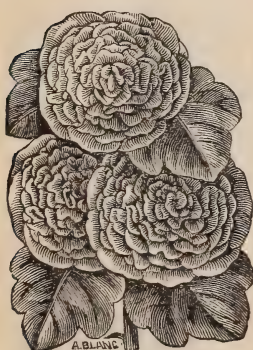
Dianthus Chinensis.



Godetias.



Helichrysum.



Hollyhock.



Ipomoea Bono Nox.



Larkspur.



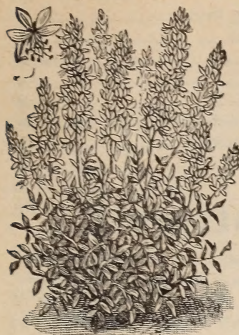
Lobelia, Blue Gem.

Price per Pkt.

Antirrhinum, Dwarf, mixed	5c
Aquilegia, Columbine, mixed	5c
Aster, German, mixed	5c
Aster, Peony, flowered and mixed	5c
Aster, of the choicest varieties in 10 separate colors, of new and latest in production	10c per packet ; in mixed colors
Balsam, double white, Impatiens	10c
Balsam, double crimson	5c
Balsam, double mixed	5c
Balsam, double Camellia-flowered, mixed	10c
Balloon Vine, a beautiful climber	10c
Clarkias	5c
Celosia Cristata, Cockscomb, mixed	5c
Candytuft, white	5c
Candytuft, dark crimson	5c

Price per Pkt.

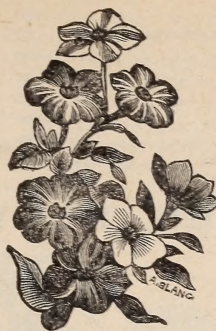
Candytuft, mixed	5c
Canna, mixed Indian shot	5c
Canterbury Bells, mixed	5c
Canterbury Bells, double mixed	5c
Convolvulus Major, mixed	5c
Convolvulus Minor, mixed	5c
Coreopsis, mixed	5c
Cockscomb, Japan, mixed	5c
Cypress Vine, mixed	5c
Chrysanthemum, double yellow	5c
Chrysanthemum, white	5c
Chrysanthemum, mixed	5c
Dianthus Chinensis, China Pink	10c
Forget-Me-Not, mixed	5c
Forget-Me-Not, dwarf mixed	5c
Godetias	5c



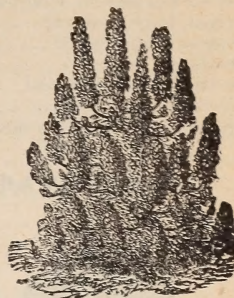
Lupinus.



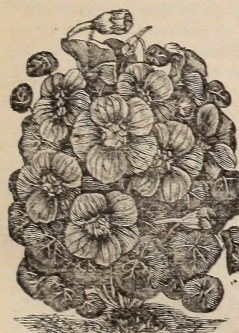
Marigold, El Dorado.



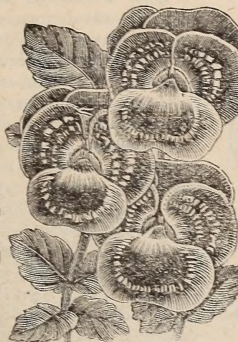
Marvel of Peru.



Mignonette.



Nasturtium, Empress of India.



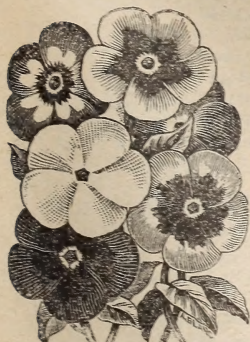
Pansy, Perfection.



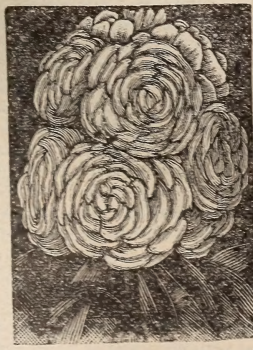
Petunia, Grandiflora Marginata.



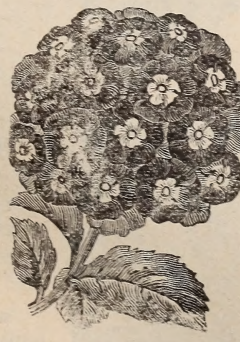
Portulaca, Double.



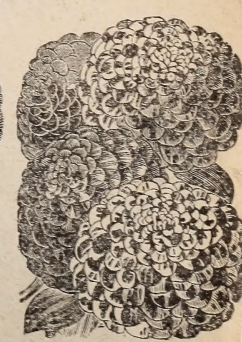
Phlox Drummondii.



Stocks (Snowflake.)



Verbena, Mammoth.



Zinnias (Zebra.)

Price per Pkt.

Globe Amaranth	5c
Helichrysum, double, mixed, tall and dwarf	5c
Heliotrope, mixed	5c
Hollyhock, double, mixed	5c
Ipomoea Coccinea, Star Ipomoea	5c
Job's Tears, <i>Coix Lacryma</i>	5c
Larkspur, Tall Rocket, double, fine mixed	5c
Larkspur, Dwarf Rocket, double, fine mixed	5c
Larkspur, branching, double, fine mixed	5c
Lobelia Gracilis, blue	5c
Lobelia Speciosa, Crystal Palace	10c
Lupinus, mixed, new, tall annual	5c
Mimulus Moshatus, Musk Plant	5c
Maurandia, Small Climber	5c
Marigold, African	5c
Marigold, French	5c

Price p.r Pkt.

Mallow, Melva Mauritiana, vermillion red	5c
Marvel of Peru, Four O'clock	5c
Mignonette, Sweet	5c
Mignonette, large flowering	5c
Nasturtium, tall, mixed	5c
Nasturtium, dwarf, mixed	5c
Nigella, Love-in-a-Mist	5c
Nolana mixed	5c
Pansy, Imperial German, mixed	10c
Pansy, mixed English	10c
Peas, Sweet, mixed	oz, 10c; 4 oz, 20c; 5c
Peas, white	" 10c; 4 " 30c; 5c
Peas, scarlet, Invincible	" 10c; 4 " 25c; 5c
Peas, Painted Lady	" 10c; 4 " 25c; 5c
Peas, Butterfly	" 10c; 4 " 25c; 5c
Petunias, choice mixed	5

	Price per Pkt.
Petunia, new double fringed.....	25c
Phlox Drummondii, mixed or separate color.....	5c
Phlox, large flowering.....	10c
Poppy, double mixed.....	5c
Portulaca, mixed.....	5c
Portulaca, double, mixed.....	10c
Portulaca, single, mixed.....	5c
Primula Chinensis, fine mixed.....	10c

	Price per Pkt.
Scabiosa, mixed Morning Bride.....	5c
Stocks, ten weeks, mixed.....	10c
Stocks, large flowering.....	10c
Sweet William, mixed.....	5c
Thunbergia, mixed.....	5c
Verbena, mixed hybrid, new choice varieties.....	10c
Verbena, good mixed varieties.....	5c
Zinnias, double mixed.....	5c

SUMMER FLOWERING BULBS.



The Summer Flowering Bulbs are the most ornamental and brilliant class of flowers and are becoming more popular every year. We name a few of the most leading and well known varieties of our assorted stock.

New Tuberous Rooted Begonias—These vigorous and tuberous rooted bulbs are now the most popular plants for beds of Summer flowers, or as pot plants for the greenhouse, conservatory or sitting room. Nothing can exceed the brilliancy of their colors, the delicacy of their tints—the richness of their waxy flowers, the gorgeousness of their effect in masses, or their graceful appearance in beds or borders. From the time the first blossom appears until all growth is stopped by frost, they are never out of bloom. (*See cut.*) Our bulbs are all sound, well matured and of large size. Price Single Tuberous Begonias—finest mixture large size bulbs—each 8c; per doz. 65c; per 100 \$5.00. The same in separate colors, viz: rose, scarlet, brilliant red, orange, and white, at 10c. each, 75c per doz. Price Double varieties, in finest mixtures, large size bulbs, each 25c; per doz. \$2.50; per 100 \$16.00. Same in separate colors, viz: rose, yellow, white and scarlet, each at 30c; per doz. \$3.00; per 100 \$20.00.

Caladium Esculentum.—(Elephant Ear.) One of the handsomest of the ornamental leaved plants for a grand bed of foliage in the garden or on the lawn. Good bulbs, each 10 to 20c; per doz. \$1.00 and \$1.50. If by mail, add 5c each to prepay postage.

Madeira Vine.—Roots. A beautiful climber, with thick, glossy light green leaves, flowers pure white; rapid grower. Price, 5c each; 30c per doz.

Double Dahlias.—Grandest Autumn flower we have. Large towering or show Dahlia of all colors. Roots from 10c to 25c; \$1.00 to \$2.00 per doz.

NEW AND RARE CANNAS.—EVER-BLOOMING FRENCH CANNAS.

Madame Crozy.—The grandest of all varieties. Color a brilliant vermillion scarlet, bordered with deep golden yellow. Flowers are borne in great clusters and in such profusion that they crown the plant with a blaze of glowing color. Foliage is a vivid green, broad and massive; the habit of the plant is compact and vigorous, its natural height being rarely more than four feet. We have a grand stock of this peerless variety and offer it very low; all strong plants. Price, \$1.25 per doz.; \$10.00 per 100; 15c. each; postpaid; 3 for 40c.

Star of 1891.—A dwarf-growing, very free flowering variety; bright orange scarlet; \$1.25 per doz.; \$10 per 100; 15c each.

Egendale.—Dark foliage; flowers, soft current red, very distinct and striking in appearance. \$1.20 per doz.; \$8 per 100.



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H. PHILIPPS & CO.

Other standard unnamed varieties, either dwarf or tall, 75c per doz.; 10c each.

We have other new-named varieties, and can furnish any variety named on our special bulb list.

White Calla (*Calla Aethiopica*).—The well known Lily of the Nile, having large white flowers and strong, broad leaves. It is a plant particularly valuable for parlor culture, as it will prosper under the most trying treatment. Furnace-heated air and stove gas do not injure it, nor is the plant susceptible to insect depredations. Large bulbs, each, 20c; 3 for 50c; postpaid; by express, per doz. \$1.50.

USEFUL TABLES.

TABLE SHOWING THE WEIGHTS OF VARIOUS ARTICLES.

Apples, Green.....	per bushel, 48 lbs.	Millet.....	per bushel, 50 lbs.
Apples, Dried.....	" 22 "	German Millet.....	" 50 "
Barley.....	" 48 "	Oats.....	" 32 "
Beans.....	" 60 "	Onions.....	" 56 "
Buckwheat.....	" 50 "	Osage Orange.....	" 33 "
Bran.....	" 20 "	Orchard Grass.....	" 14 "
Broom Corn.....	" 46 "	Peas.....	" 60 "
Blue Grass, Kentucky.....	" 14 "	Pop Corn on the Cob.....	" 40 "
Blue Grass, English.....	" 24 "	Potatoes Irish.....	" 60 "
Canary Seed.....	" 60 "	Rape.....	" 50 "
Clover Seed.....	" 60 "	Red-Top Grass Seed.....	" 14 "
Corn Shelled.....	" 56 "	Rye.....	" 56 "
Corn on the Ear.....	" 70 "	Sweet Potatoes.....	" 55 "
Corn Meal.....	" 50 "	Timothy Seed.....	" 45 "
Flax Seed.....	" 56 "	Top Onions.....	" 28 "
Hemp Seed.....	" 44 "	Turnips.....	" 55 "
Hungarian Grass Seed.....	" 48 "	Wheat.....	" 60 "

QUANTITIES OF SEED USUALLY SOWN UPON AN ACRE.

Barley, broadcast.....	2 to 3 bush.	Onions, for Sets, in drills.....	40 lbs.
Beans, Dwarf, in drills.....	1½ bush.	Onion Sets, in drills.....	6 to 12 bush.
Beans, Pole, in hills.....	10 to 12 qts.	Parsnips, in drills.....	4 to 6 lbs.
Beets, in drills.....	5 to 10 lbs.	Peas, in drills.....	2 bush.
Broom Corn, in hills.....	8 to 10 qts.	Peas, broadcast.....	3 bush.
Buckwheat.....	1 bush.	Potatoes, cut tubers.....	10 bush.
Cabbage (beds), to transplant.....	¼ lb.	Pumpkins, in hills.....	4 to 6 lbs.
Carrots, in drills.....	3 to 4 lbs.	Radish, in drills.....	8 to 10 lbs.
Chinese Sugar Cane.....	12 qts.	Rye, broadcast.....	1½ to 2 bush.
Corn, in hills.....	8 to 10 qts.	Salsify, in drills.....	8 to 10 lbs.
Corn, for soiling.....	3 bush.	Spinach, in drills.....	10 to 12 lbs.
Cucumber, in hills.....	2 lbs.	Squash, bush varieties, hills.....	4 to 6 lbs.
Flax, broadcast.....	1½ to 2 bush.	Squash, running varieties, hills.....	3 to 4 lbs.
Hemp.....	1½ bush.	Tomato, to transplant.....	¼ lb.
Melon, Musk, in hills.....	2 to 3 lbs.	Turnip, in drills.....	¾ to 1½ lbs.
Melon, Water, in hills.....	4 to 5 lbs.	Turnip, broadcast.....	¾ to 1½ lbs.
Oats, broadcast.....	2 to 3 bush.	Vetches, broadcast.....	2 to 3 bush.
Onions, in drills.....	5 to 6 lbs.	Wheat, broadcast.....	1½ to 2 bush.

GRASS SEEDS TO THE ACRE.

White Clover.....	3 to 5 lbs.	Blue Grass.....	1½ to 3 bush.
Red Clover.....	10 to 15 lbs.	Rye Grass (bushel, 22 lbs.).....	2 to 3 bush.
Alfalfa or Lucerne Clover.....	15 to 20 lbs.	Orchard Grass.....	2 to 3 bush.
Alsike Clover.....	6 to 8 lbs.	Red-Top Grass.....	1½ to 2 bush.
Timothy.....	12 lbs.	Mixed Lawn Grass (14 lbs.).....	3 to 4 bush.
Hungarian Grass.....	1 bush.	Millet.....	1 bush.

NUMBER OF PLANTS TO ACRE.

Distance Apart.	No. Plants.	Distance Apart.	No. Plants.	Distance Apart.	No. Plants
1 ft. by 1 ft.....	43,650	3 ft. by 3 ft.....	4,840	12 ft. by 12 ft.....	302
1½ ft. by 1½ ft.....	19,360	4 ft. by 5 ft.....	2,722	15 ft. by 15 ft.....	193
2 ft. by 1 ft.....	21,780	5 ft. by 5 ft.....	1,742	18 ft. by 18 ft.....	134
2 ft. by 2 ft.....	10,890	5 ft. by 6 ft.....	1,210	20 ft. by 20 ft.....	103
2½ ft. by 2½ ft.....	6,696	8 ft. by 8 ft.....	680	25 ft. by 25 ft.....	70
3 ft. by 1 ft.....	14,520	9 ft. by 9 ft.....	537	30 ft. by 30 ft.....	48
3 ft. by 2 ft.....	7,260	10 ft. by 10 ft.....	435		

BIRD SEEDS, MIXED AND SEPARATE.

If to be sent by mail, add 8c. per lb. for postage. Our Mixed Bird Seed is put up according to the best formula, for the health of the birds, from the cleanest and choicest seeds.

Mixed Bird Seed, single lb. 7c; 3 lbs. for 18c; 5 lbs. for 25c; 10 lbs. for 50c.

Canary " " 7c; 3 " 18c; 5 " 25c; 10 " 50c.

Hemp " " 7c; 3 " 18c; 5 " 25c; 10 " 50c.

Poppy or Maw Seed per lb. 15c; Rape Seed, per lb. 8c; Cattle-fish Bone, per oz. 5c., per lb. 60c; Unhulled Rice, per lb. 10c., 3 lbs. for 25c; Sunflower Seed, per lb. 8c., 4 lbs. for 25c; Millet, German or Golden, per 5c., 6 lbs. for 25c; Millet, American, per lb. 5c., 7 lbs. for 25c; Lettuce Seed, per oz. 5c., per lb. 20c.

THE HENRY PHILIPPS SEED AND IMPLEMENT CO.
PIONEER SEED HOUSE OF TOLEDO, OHIO.



BIRDSEYE VIEW OF ONE OF THE TOLEDO MARKETS.